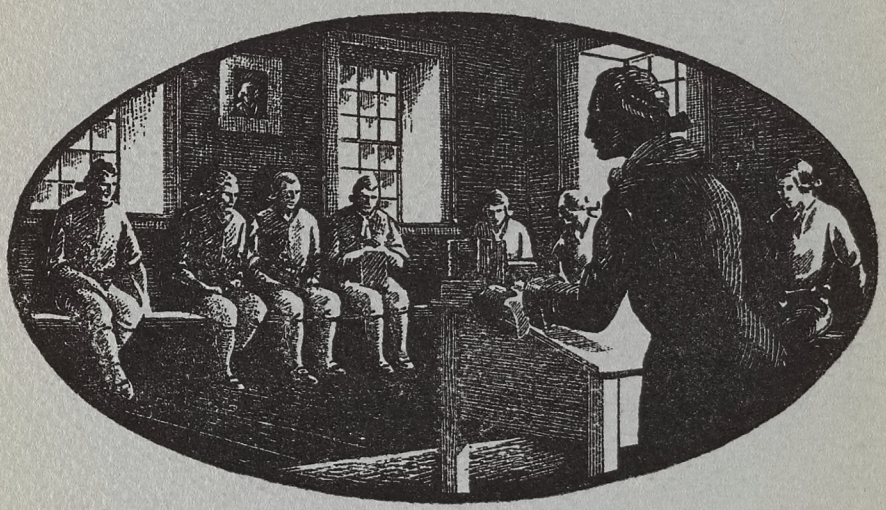
MIDDLEBURY COLLEGE BULLETIN



AUGUST, 1937—MIDDLEBURY, VERMONT

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MIDDLEBURY COLLEGE BULLETIN

Vol. xxxii August, 1937 No. 2

The Bulletin is Published by Middlebury College monthly from November to August at Middlebury, Vermont - - - Entered as second-class matter at the Post Office, Middlebury, Vermont, under the act of Congress, August 24, 1912

THE

MEN'S CATALOGUE NUMBER

OF THE

MIDDLEBURY COLLEGE BULLETIN

CONTAINING

A COMPLETE DESCRIPTION OF

DEPARTMENTS AND COURSES OF INSTRUCTION

AND OTHER INFORMATION

FOR THE ACADEMIC YEAR

1937-1938

MIDDLEBURY COLLEGE PRESS, W. STORRS LEE, EDITOR

HISTORY

Middlebury College was not founded to give voice to any special religious, social, or political creed. It was indigenous, a product of 19th century democracy, financed from the thin purses of local citizens, and expressive of multiform culture brought from southern New England.

A miller, two lawyers, a doctor, and a President of Yale University conceived the first plan for Middlebury College on the night of September 30, 1798. The miller was Gamaliel Painter, whose name the oldest college building in Vermont still bears; the lawyers, Seth Storrs, donor of the campus of the men's college, and Samuel Miller who entertained the group at this original meeting; the doctor, Darius Matthews, a probate judge as well as physician; and the Yale President, the great Timothy Dwight.

Some thirty log cabins and frame houses, surrounded by wilderness, comprised the settlement at Middlebury in 1798. No road had yet been built to the pioneer village. The State of Vermont as a part of the Union was only seven years old and its Legislature still roved from town to town for its annual meeting. Grist and saw mills, a few shops for mechanics and blacksmiths, a rough inn, and a brewery offered the principal commercial accent to the village. A church had not even been constructed. Still the establishment of a college as well as a grammar school seemed imperative to these immigrants from Connecticut.

President Dwight, in his visit of a single night, helped to outline a plan for procedure, but it took two years to persuade the Legislature that the request for founding a college in this wilderness should be honored. A charter was finally granted on November 1, 1800, and Jeremiah Atwater, a Yale graduate, appointed President; then breaking all precedent for haste, seven students were admitted the following day and Middlebury was under way, lodged in a building just completed for the Addison

County Grammar School. President Atwater and one tutor comprised the entire administrative and teaching staff. And under them the first student graduated in August, 1802.

Greek and Latin were the *pièce de resistance* of the curriculum in those early years. Mathematics—ranging from "vulgar arithmetic" to trigonometry,— history, geography, natural philosophy, astronomy, rhetoric, law, logic, metaphysics, and ethics rounded out a four year program, with vocational purpose noted in such courses as navigation and surveying. A disciplinary system based on the temper of the law of Moses and the text of Yale College rules and regulations kept a student's nose to the academic grindstone. As occasion for new rules of conduct arose, they were properly phrased, and appropriate fines attached: fifty cents for gambling, intemperance, or dancing; two cents for chapel absence; twelve cents for possessing firearms; for dog-earing a library book one cent; or twenty-five cents for re-lending a library book. Students were their own janitors, laid their own hearth fires, lugged their water from out-door cisterns, often cooked their own meals. Daily chapel prayers before dawn began the day and a daily chapel service at dusk ended it.

Under Jeremiah Atwater, whose fame for scholarship and discipline spread abroad, Middlebury was not slow in growth and that growth continued under his successors Henry Davis (1809-1817), and Joshua Bates (1818-1839). After an extended debate over whether the future College should be located on Mt. Nebo (Chipman Hill), Aqueduct Hill, near the present Country Club, or on Storrs Hill, the latter was finally chosen and New College, or Painter Hall, was built in 1815 by Middlebury citizens, each contributing his quota of lumber, nails, glass, hardware and cartage.

The stone chapel was added in 1836, the peak year of enrollment during the century. In those thirty-six years, the College had grown nearly to the size of Harvard and with a comparable reputation. But during that year when success seemed most phenomenal, progress was suddenly stunted by awkward and blundering conflict over religious status. From a local dispute it flared into a County and State-wide controversy. The College came to be known as a stronghold of a new kind of radical evangelism. In three years nearly two-thirds of the students left.

Benjamin Labaree stepped into this situation in 1840 and for twenty-six years labored to build up the enrollment and financial standing. He pushed through several successful drives; Starr Hall was built in 1861 and rebuilt after a disastrous fire during the Christmas holidays of 1864. The College was beginning to regain its rank of the '30's when the Civil War thoroughly undid most of his constructive labors.

During the less successful administrations of Harvey D. Kitchel (1866-1873), Calvin D. Hulbert (1875-1880), and Cyrus Hamlin, (1880-1885), the registration wavered from the low sixties into the fifties and forties, touching a low of thirty-eight students in 1882. From that date to the present the trend has been upward almost annually.

Ezra Brainerd, who stepped from a professorship of Physics and Applied Mathematics to the presidency in 1885, did much to raise the scholastic standards of the College.

"My ideal of a college," he asserted, "is one that insists on a complete symmetrical knowledge of the fundamental laws of all nature, a comprehensive survey of the best in all literature, and a general acquaintance with the great principles that should regulate all human conduct. . . ."

Working on a platform that stressed scholarship he built up Middlebury from a struggling institution of little scholastic stamina and an enrollment of forty-four to an influential college of well over two hundred. Under him the Starr Library (1900)

and Warner Science Hall (1901) were constructed and the building program which he started was continued on a much larger scale by his successor, John M. Thomas (1908-1921).

Women were admitted in 1883, but there was no campus dormitory for them until Pearsons Hall was constructed in 1911. Afraid that Middlebury might become land bound like many other colleges, President Thomas secured the acres on which the athletic field and women's campus are now located. The McCullough Gymnasium (1910), the Chemistry Building (1913), Hepburn Hall (1916) and the Mead Chapel (1916) were built in succession under his plan for expansion. One of his greatest contributions was making friends for the College, who contributed liberally of their wealth. Joseph Battell, who at his death left his mountain estate to Middlebury, is to be numbered foremost among these.

In 1921 Thomas turned over to President Paul D. Moody a College of nearly five hundred students, double the number in 1908, as well as a College immeasurably more wealthy in endowment and buildings.

From the day of his inauguration, Dr. Moody stressed Scholarship, not Numbers. The registration has increased appreciably, but it has been strictly limited, keeping a fine balance between the enrollment and equipment, staff, dormitories, and endowment. The Château (1925), the Music Studio (1925), Hospital (1925), two new wings on the Library (1928) and the new women's dormitory (1936) are the principal additions in buildings made during this administration.

The specialized summer schools have grown from the modest beginning of a German session with a handful of students in 1915, to schools of French, Spanish, Italian, German and English with a total enrollment almost as large as that of the regular session.

CALENDAR FOR 1937-1938

1937

SEPTEMBER

16-18—Thursday-Saturday, Entrance Examinations.

20-22—Monday-Wednesday, Registration Days and Freshman Week.

23 —Thursday (9.30 A.M.) President's Address, Mead Memorial Chapel.

24 —Friday (8.00 A.M.) Recitations begin.

OCTOBER

23 —Saturday, Alumni Homecoming Day.

NOVEMBER

13 —Saturday, Football Holiday.

25 —Thursday, Thanksgiving Day Holiday.

DECEMBER

16 —Thursday (11.00 A.M.) } Christmas Recess.

1938

JANUARY

4 —Tuesday (8.00 A.M.) }

17-21—Monday-Friday, Mid-year Examinations.

21 —Friday, First Semester ends.

24 —Monday (8.00 A.M.) Second Semester begins.

FEBRUARY

18-19—Friday, Saturday, Winter Carnival Holidays.

MARCH

17 —Thursday, (11.00 A.M.) } Spring Recess.

29 —Tuesday (8.00 A.M.) }

MAY

13-14—Friday, Saturday } Junior Week Holidays

16-21—Monday-Saturday, Reading Period for Seniors.

23-26—Monday-Thursday, Comprehensive Examinations for Seniors.

27-28—Friday-Saturday, Final Examinations.

30 —Monday, Memorial Day Holiday.

31 —Tuesday, Final Examinations, continued

JUNE

1-9 —Wednesday-Thursday, Final Examinations, continued..

11 —Saturday, Class Day.

12 —Sunday, Baccalaureate.

13 —Monday, Commencement.

1937

JULY

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CALENDAR FOR 1938-1939

1938

JULY

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1939

JANUARY

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FEBRUARY

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MAY

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JUNE

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1-8 —Thursday-Thursday, Final Examinations, continued.

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12 —Monday, Commencement.

PRESIDENT AND FELLOWS

THE CORPORATION

PAUL D. MOODY, D.D., LL.D. — *Middlebury*
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Lawyer, Gifford, Woody, Carter & Hayes

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Ex-Governor of Vermont

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Chairman of the Board, Vermont Marble Company

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Lawyer

SANFORD H. LANE, A.B. — *New York, N. Y.*
Gotham Advertising Company

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Lawyer, Chamberlin, Kafer, Wilds & Jube

HALL P. MCCULLOUGH, A.B., LL.B. — *New York, N. Y.*
Lawyer, Davis Polk Wardwell Gardiner & Reed

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President, National Life Insurance Company

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Lawyer

ALBERT D. MEAD, A.M., PH.D., SC.D. — *Providence, R. I.*
Brown University

CHARLES A. MUNROE, A.B. — *Chicago, Ill.*
Lawyer

CARL A. MEAD, A.B., LL.B. — *New York, N. Y.*
Lawyer, Shearman and Sterling

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Engineer, Remington Arms Company

*J. EARLE PARKER, B.S., LL.B., LL.M. — *Boston, Mass.*
Treasurer, Acadia Mills

*SAMUEL B. PETTINGILL, A.B., LL.B. — *South Bend, Ind.*
Member of Congress, Third Congressional District of Indiana

*RALPH E. SINCERBOX — *New York, N. Y.*
Treasurer, General Electric Contracts Corporation

*STEWART ROSS, M.D. — *Rutland*

*HAROLD D. LEACH, A.B. — *Cambridge, Mass.*
Plant Manager, Remington Rand, Inc.

J. J. FRITZ, B.S.
Business Manager and Secretary of the Corporation

*Elected on nomination by the Alumni.

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President Paul D. Moody*
John E. Weeks
Frank C. Partridge
Elbert S. Brigham
Allen H. Nelson

Egbert C. Hadley

FINANCE

Hall P. McCullough
James M. Gifford
Frank C. Partridge
Albert H. Wiggin
Elbert S. Brigham
Charles A. Munroe

Redfield Proctor*

WALKER FURLOUGH AND EMERGENCY FUND

President Paul D. Moody*
Allen H. Nelson*

Ernest C. Bryant†

BATTELL FOREST

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Hall P. McCullough
Sanford H. Lane
John E. Weeks

Samuel E. Pettingill

LANGUAGE SCHOOLS

Albert D. Mead
Allen H. Nelson
Carl A. Mead
J. Earle Parker

Samuel B. Botsford

WOMEN'S COLLEGE

Allen H. Nelson
Charles A. Munroe
Percival Wilds
Carl A. Mead

J. Earle Parker

Note: The first on list is Chairman.

*Ex-officio.
†Representing the Faculty.

Old Chapel

FACULTY AND OFFICERS*

*As a governing and academic body, the Middlebury Faculty serves both Men's and Women's Colleges. However, some members instruct only men; others instruct only women. Those who have no special curricular or administrative association with the men are indicated by the asterisk.

PAUL DWIGHT MOODY, D.D., LL.D
President (1921) — 3 South Street

BURT ALDEN HAZELTINE, B.S., A.M.
Dean of the Men's College (1924) — Battell Block

CHARLES ALBERTUS ADAMS, B.S,. A.M.
Professor of Education (1923) — 39 Seminary Street

CHAUNCY CORBIN ADAMS, D.D.
Lecturer in Bible (1931) — 7 South Pleasant Street

JOHN THAYER ANDREWS, A.M.
Assistant Professor of Psychology (1936) — 16 Court Street

RAYMOND LIVINGSTON BARNEY, SC.M., PH.D.
Professor of Biology (1924) — 5 Storrs Avenue

BENJAMIN HARLOW BECK, A.B.
Professor of Physical Education for Men and Coach of Varsity Football and Basketball (1928) — 45 South Street

H. WARD BEDFORD, A.M.
Instructor in Music and Fine Arts (1936) — 15 Weybridge Street

DOUGLAS STOWE BEERS, PH.D.
Professor of English (1925) — 27 Weybridge Street

LEA BINAND, BRÉVET SUPÉRIEUR
Assistant Professor of French (1929) — Le Chateau

WALTER T. BOGART, A.B., M.A.
Instructor in Political Science (1937)

CLAUDE BOURCIER, AGRÉGÉ DE L'UNIVERSITÉ
Assistant Professor of French (1937)

JOHN GERALD BOWKER, B.S., ED.M.
Assistant Professor of Mathematics (1926) — 14 Adirondack View

MARY NARCISSA BOWLES, A.M.
Instructor in Home Economics and Assistant Dietitian (1924) — Battell Cottage

JENNIE HANNAH BRISTOL
Registrar (1912) — 120 South Main Street

ARTHUR MILTON BROWN, A.B.
Professor of Physical Education and Director of Athletics for Men (1918) — 126 South Main Street

RICHARD LINDLEY BROWN, A.M
Assistant Professor of English (1931) — 33 South Street

ERNEST CALVIN BRYANT, S.B., SC.D.
Professor Emeritus of Physics (1895) — 13 South Street

WILLIAM SARGENT BURRAGE, PH.D.
Professor of Greek Language and Literature (1903) — 3 Storrs Avenue

FRANK WILLIAM CADY, A.M., B.LITT. (OXON.)
Professor of English (1909) — 57 South Street

PAULETTE CAVAGNET, A.B.
Instructor in French (1937) — Le Chateau

FACULTY AND OFFICERS (*Continued*)

JUAN CENTENO, A.B., M.D. *Professor of Spanish and Director of the Spanish School* (1931)	Washington Road
ALLEN MARSHALL CLINE, PH.D. *Proctor Professor of American History* (1920)	18 South Pleasant Street
REGINALD LANSING COOK, A.B., A.M., B.A. (OXON.) *Professor of American Literature* (1929)	121 South Main Street
ELLSWORTH BEDINGER CORNWALL, B.A., LL.B. *Professor of Political Science* (1928)	Deermeadow Farm
ALFRED MITCHELL DAME, A.M. *Professor of Latin* (1928)	22 South Street
ROBERT DAVIS *Assistant Professor of History* (1937) *(First Semester)*	Middlebury Inn
†JOHN PERLEY DAVISON, A.M. *Associate Professor of History* (1923)	55 North Pleasant Street
HARRY TOWER EMMONS, A.B. *Assistant Director of Admissions for Men and Assistant Alumni Secretary* (1936)	Middlebury Inn
HARRY MOORE FIFE, A.B., A.M. *Professor of Economics* (1925)	2 Storrs Avenue
PRUDENCE HOPKINS FISH, B. OF MUSIC *Assistant Professor of Music* (1924)	Vergennes
Robert H. Footman, B.A. *Instructor in English* (1937)	38 South Street
HAROLD FRANTZ, M.S.M. *Instructor in Music* (1936)	44 South Street
STEPHEN ALBERT FREEMAN, PH.D. *Professor of French and Dean of the French School* (1925)	24 South Street
JAY JACOB FRITZ, B.S. *Business Manager* (1924)	77 Main Street
*IDA V. GIBSON, B.S., M.A. *Instructor in Home Economics* (1933)	Wilcox House
EDWIN F. GILLETTE, B.S. *Instructor in Mathematics* (1937)	
VINCENT SPENCER GOODREDS, A.B. *Professor of Drama and Public Speaking* (1928)	122 South Main Street
JOHN FESSLER HALLER, B. OF CHEM. *Associate Professor of Chemistry and Astronomy* (1925)	6 Hillcrest Avenue
VERNON CHARLES HARRINGTON, L.H.D. *Boardman Professor of Philosophy* (1913)	4 Storrs Avenue
LEWIS JACKSON HATHAWAY, MUS. BAC. *Professor of Music* (1916)	135 South Main Street
MINNIE HAYDEN *Instructor Emeritus in Music* (1921)	East Middlebury
WALDO HEINRICHS, M.A. *Associate Professor of Contemporary Civilization* (1934)	46 South Street
ROBERT DUGALD HOPE, LL.B. *Assistant Secretary and Assistant Treasurer* (1914)	7 Franklin Street
FRANK EUGENE HOWARD, A.M., PH.D. *Professor of Education and Psychology* (1915)	17 South Street

†On leave first semester.

FACULTY AND OFFICERS (*Continued*)

*Muriel Kathryn Jones *Alumnae Secretary* (1937)	
John J. Kelly, A.M. *Instructor in Physical Education for Men and Secretary of the Department* (1936)	38 North Pleasant Street
*Clara Blanche Knapp, A.M. *Professor of Home Economics* (1922)	The Homestead
William Storrs Lee, A.B. *Editor* (1930)	Ledge Creek, Cornwall
Samuel Earl Longwell, PH.D. *Burr Professor of Biology* (1919)	8 Hillcrest Avenue
William Wesley McGilton, A.M., SC.D. *Professor Emeritus of Chemistry* (1892)	21 College Street
Laila Adelaide McNeil, A.B. *Librarian* (1913)	13 Elm Street
Rose Eleanor Martin, A.B., A.M. *Assistant Professor of Spanish* (1928)	33 Weybridge Street
John E. Nash, B.A. *Instructor in Physical Education* (1936)	
Werner Neuse, PH.D. *Associate Professor of German and Dean of the German School* (1932)	21 South Street
Harry Goddard Owen, A.B., A.M. *Associate Professor of English and Fine Arts, Dean of Bread Loaf School of English* (1926)	3 Storrs Avenue
Llewellyn Rood Perkins, A.B., B.S., A.M. *Professor of Mathematics* (1914)	10 Hillcrest Avenue
Perley Chesman Perkins, A.M. *Assistant Professor of English* (1923)	12 Adirondack View
Pamelia Smith Powell *Secretary to the President and Secretary and Recorder of the Summer Session* (1921)	2 Park Place
James Stuart Prentice, A.B., A.M. *Associate Professor of Economics* (1931)	35 South Street
Naomi Price *Assistant Registrar* (1923)	29 Pleasant Street
Albert Ranty, B.S., A.M. *Associate Professor of French* (1925)	28 South Street
*Mary Seelye Rosevear, B.S. *Assistant Professor of Physical Education for Women* (1924)	2 Park Place
*Eleanor Sybil Ross, A.B., A.M. *Dean of the Women's College* (1915)	6 Storrs Avenue
Paul Rusby, A.B., A.M. *Associate Professor of Economics* (1930)	Daniel Chipman Park
Myron Reed Sanford, A.M., L.H.D. *Professor Emeritus of Latin Language and Literature* (1894)	1875 Park Avenue, Bridgeport, Conn.
Bruno Moritz Schmidt, A.B., A.M. *Associate Professor of Geology* (1925)	Daniel Chipman Park
Russell George Sholes, A.B., A.M. *Professor of Sociology* (1927)	10 Adirondack View

FACULTY AND OFFICERS (*Continued*)

EVERETT SKILLINGS, A.M. *Professor of German* (1909)	41 South Street
PHELPS NASH SWETT, S.B., A.M. *Professor of Geography and Graphics* (1909)	49 South Street
*RUTH WOOD TEMPLE, A.B. *Assistant Dean of Women* (1922)	Pearsons Hall
PERLEY CONANT VOTER, A.M. *Professor of Chemistry* (1912)	20 College Street
*FRANCES H. C. WARNER, A.B. *Director of Admissions for Women* (1930)	23 Weybridge Street
RAYMOND HENRY WHITE, A.M. *Professor of Latin* (1909)	4 Hillcrest Avenue
EDGAR JOLLS WILEY, B.S., ED.M. *Director of Admissions and Personnel for Men and Alumni Secretary* (1913)	Brandon
*ELLEN ELIZABETH WILEY, A.B. *Associate Professor of Mathematics* (1923)	Brandon
ARNOLD LEROY WILKES, A.B., M.A. *Instructor in Drama and Speech* (1937)	
BENJAMIN FRANKLIN WISSLER, B.S., A.M. *Associate Professor of Physics* (1930)	109 South Main Street
ENNIS BRYAN WOMACK, PH.D. *Associate Professor of Chemistry* (1930)	21 Seminary Street
CHARLES BAKER WRIGHT, A.M., LITT.D. *Professor Emeritus of Rhetoric and English Literature* (1885)	Daniel Chipman Park
*MARION LUELLA YOUNG, B.S. *Associate Professor of Physical Education for Women* (1918)	Hillcrest Cottage

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MARY CAROLINE DUTTON, A.M. *Dietitian* (1918)	Battell Cottage
MRS. MAUDE OWEN MASON *Superintendent of Men's Dormitories* (1916)	On leave
MRS. JANET W. KINGSLEY *Acting Supervisor of Dormitories of the Men's College* (1935)	Hepburn Hall
*MRS. RICHARD SMITH, JR. *Supervisor of Dormitories of Women's College* (1936)	Forest Hall
WALTER WESTON *Superintendent of Buildings and Grounds* (1925)	25 College Street

NOTE: The dates in parentheses refer to the year of first appointment.

FACULTY COMMITTEES

ADMINISTRATION

President Paul D. Moody*
Burt A. Hazeltine*
Arthur M. Brown
Reginald L. Cook
Eleanor S. Ross*

CURRICULUM AND PERMANENT SCHEDULE

Raymond H. White
Charles A. Adams
Russell G. Sholes
John P. Davison
John G. Bowker
Clara B. Knapp
Ellen E. Wiley
Jennie H. Bristol

ADMISSION

Edgar J. Wiley
Charles A. Adams
Raymond H. White
Burt A. Hazeltine
John G. Bowker
Richard L. Brown

GRADUATE WORK

Harry G. Owen
Stephen A. Freeman
Juan A. Centeno
Werner Neuse
Samuel E. Longwell
Pamelia S. Powell*
Jennie H. Bristol*

ATHLETICS

Phelps N. Swett
Arthur M. Brown
Burt A. Hazeltine
Harry M. Fife
Perley C. Voter
Reginald L. Cook
Waldo Heinrichs

LIBRARY

Richard L. Brown
Harry G. Owen
Harry M. Fife
Rose E. Martin

STUDENT LIFE AND RESIDENCES

Raymond L. Barney
Eleanor S. Ross
Burt A. Hazeltine
President Student Council and President Student Union*

CONFERENCE WITH TRUSTEES

Reginald L. Cook
Raymond L. Barney
Arthur M. Brown

CALENDAR

Edgar J. Wiley
Llewellyn R. Perkins
Arthur M. Brown
Jennie H. Bristol

SCHOLARSHIP AWARDS

President Paul D. Moody
Burt A. Hazeltine
Edgar J. Wiley

*Ex-officio.

COURSE OF EVENTS

1761	Nov. 2	Charter of the town of Middlebury granted from New Hampshire.
1766	June	John Chipman clears first "pitch" in Middlebury.
1773	June	First log house built in town by Benjamin Smalley.
1777	Jan. 15	Vermonters make Declaration of Independence from New Hampshire.
1778	Nov.	Settlement of Middlebury completely plundered by British.
1783	Apr. 3	First *permanent* settlement made in town.
1791	Mar. 4	Vermont admitted to the Union.
1796	Oct. 25	Present site of College Campus annexed from town of Cornwall.
1797	Nov. 8	Addison County Grammar School chartered by the State Legislature.
1798	Sept. 30	Timothy Dwight visits Middlebury and a plan for starting Middlebury College is discussed.
1800	Nov. 1	College charter granted by State Legislature and Jeremiah Atwater elected first President.
	Nov. 4	First Trustees Meeting.
	Nov. 5	First students admitted.
1802	Aug. 18	First College Commencement. One student, Aaron Petty, graduated.
1806	Aug. 21	Professorship of Natural Philosophy created.
	Aug. 21	Professorship of Law created.
1809	May 31	Congregational Church dedicated.
	Aug. 16	Jeremiah Atwater resigns; Henry Davis elected President.
1810	Aug. 15	First Professorship of Languages established.
1811	Sept.	Great religious revival in College.
1816	Mar.	Painter Hall opened to students.
	Aug. 22	Professorship of Divinity established.
1817	Oct. 6	President Henry Davis resigns.
	Oct. 7	Joshua Bates elected President.
1819	May 21	Gamaliel Painter dies, bequeathing most of his estate to Middlebury.
1820	Aug. 16	Middlebury adopts Castleton Medical School.
1822	Dec.	Private French School opened in Middlebury by John B. Meilleur.
1824	Aug. 18	Alumni Association formed.
	Dec.	First significant plan for uniting U.V.M. and Middlebury advanced.
1827	Dec. 4	Mechanical Association for "promoting systematical bodily exercise" started.
1830	Oct. 28	First issue of the *Undergraduate* published.
1833	July	*The Philomathesian*, undergraduate literary magazine, first published.

COURSE OF EVENTS (*Continued*)

1835	Aug. 20	Chair of English Literature and Education instituted.
1836	Aug.	Old Chapel completed.
1839	Jan.	Great religious revival resulting in disastrous breakdown in college morale.
	Mar. 18	Inauguration of the Professors.
	Sept. 4	President Joshua Bates resigns.
1840	Apr. 20	Time for morning chapel is changed from 5:30 to 5:00.
1841	May 18	Benjamin Labaree inaugurated President.
1842	Aug. 5	Faculty vote to close rooms in East College because of drop in enrollment.
1843	Nov. 16	Middlebury chapter of Chi Psi founded.
1845	Mar. 22	Delta Upsilon established as a social fraternity.
1854	Sept. 19	Delta Kappa Epsilon organized.
1859	Apr. 5	First athletic field planned.
1860	Nov. 1	Cornerstone for Starr Hall laid.
1861	Mar.	Gymnasium opened in Middlebury for College and town.
	Apr.	Full company of college students enlist in War of the Rebellion.
1864	Dec. 25	Starr Hall burned.
1865	June	Bread Loaf Inn opened.
	Aug. 8	President Benjamin Labaree resigns.
1866	Jan. 2	Harvey D. Kitchel elected President.
1868	Aug. 7	Phi Beta Kappa charter granted to Middlebury.
1873	July	President Harvey Kitchel resigns.
1875	June 8	Calvin B. Hulbert elected President.
1876	Mar.	First issue of the "second" *Undergraduate* published.
1878	Apr. 24	Athletic Association formed by students.
1880	Aug. 23	Cyrus Hamlin elected President.
	Dec.	Twelve rooms in South Painter Hall converted into a gymnasium.
1881	Sept. 27	Formal opening of Library in North Painter Hall.
1883	Sept.	Hamlin Commons completed.
	Sept. 13	First women enter Middlebury.
	Sept. 25	Bicycle racing adopted as college sport.
1885	June 30	Chair of English Literature established.
	July 1	President Cyrus Hamlin leaves office.
1886	Apr. 17	Ezra Brainerd elected President.
	May 20	Fund for Professorship of Modern Languages given.
	June 29	First woman, May Belle Chellis, graduated.
1888	Feb.	Trainer secured for baseball practice.
	Mar. 16	College snowbound with 10 and 15 foot drifts as result of blizzard.
	Nov. 24	State Legislature gives first financial assistance to College —$1200 for scholarships.
1889	Nov.	First Glee Club formed.

COURSE OF EVENTS (*Continued*)

1889	Dec.	Alpha Chi Sorority founded.
1890	June	Elective system established.
1891	Jan. 12	Refurnishing and redecoration of Old Chapel room completed.
	Sept. 10	Battell Hall, first women's dormitory, opened.
1893	Oct. 21	First organized college football practice.
1897	July 13	Fund for chair of Political Economy and International Law established.
1900	July 3	Starr Library dedicated.
	July 3	Roman Drama presented in the Centennial Building.
1901	Nov. 15	Warner Science Hall dedicated.
1902	Dec. 4	The State Legislature approves an act authorizing the establishment of a women's college at Middlebury.
1905	May 17	Kappa Delta Rho founded at Middlebury.
	Oct. 17	President Ezra Brainerd resigns and John Thomas elected President.
1907		
	May 14	Junior Week started.
1908	Dec.	Department of Pedagogy established.
	Feb.	*Campus* changed from bi-monthly to monthly magazine.
1909	July 7	First Summer School session opened.
	Sept.	Departments of French, Forestry, and Music established.
	June 1	"Group system" for curriculum adopted by faculty.
1910	June	McCullough Gymnasium.
1911	June 20	Formal dedication of Pearsons Hall.
1912	Mar. 9	Alumnae Association formed.
1913	June 17	Chemistry building dedicated.
1914	Oct. 31	Grandstand is presented to College.
1915	Feb. 23	Joseph Battell dies leaving to the College a mountain campus of over 30,000 acres.
	June 29	German Summer School opened.
1916	June 18	Mead Chapel dedicated.
	July 8	French Summer School opened.
	Sept.	Hepburn Hall opened.
1917	June 30	Spanish Summer School opened.
	Sept. 26	*Campus* becomes a weekly newspaper.
	Oct. 11	"Orientation" course for Freshmen started.
	Dec. 13	Four courses in Military Art added to curriculum.
1918	Oct. 25	Special S.A.T.C. programs for Artillery, Air Service, Chemical Warfare and Transport Service adopted.
1919	May 27	First meeting of the Undergraduate Association.
1920	June 30	Bread Loaf School of English opened.
	Sept. 18	First football camp at Lake Dunmore opens under "Dave" Morey.
	Sept. 20	Maison Francaise, first house of its kind in America, opened at Logan House.

COURSE OF EVENTS (*Continued*)

	Nov. 6	Middlebury chapter of Tau Kappa Alpha installed.
1921	Jan. 28	President John Thomas resigns.
	Mar. 17	15-point Admission system adopted.
	July 28	Paul D. Moody elected President.
	Nov. 10	College Dramatic Club organized.
	Dec. 1	English Club organized.
1922	Apr. 26	First issue of the *Saxonian* published.
	June 15	Course in Contemporary Civilization announced.
	Nov. 22	Black Panther adopted as college mascot.
1923	Feb. 22	Middlebury's first winter carnival.
1924	Jan.	First ski jump on Chipman Hill completed.
	Jan. 25	Playhouse opened.
	May 1	Faculty advising system for all students adopted.
1925	May 15	Middlebury chapter of Sigma Phi Epsilon (formerly Sigma Phi Iota) founded.
	Feb. 13	Beta Kappa (formerly Chi Kappa Mu) founded.
	July	Porter Hospital opened.
	Oct. 9	Chateau formally opened.
1926	Apr. 10	Unlimited cuts for Dean's list students announced.
	June	First *Alumni News Letter* published.
	Aug. 16	Writers Conference opened.
	Sept.	Music Studio opened.
1927	May 31	Department of Drama and Public speaking established.
	Sept. 19	First Freshman Week opened.
	Nov. 10	Year course system adopted.
1928	June 16	Abernethy and Starr Library wings dedicated.
	Nov. 17	First alumni Homecoming Day.
1929	Oct. 2	Freshman hazing abolished by Dean.
1930	Apr. 16	Blue Key honor society formed.
	May 25	Pi Delta Epsilon (formerly Phi Pi Epsilon) installed.
1931	Feb. 11	Mountain Club formed.
	May 6	Comprehensive examination system adopted by faculty.
	June 14	Bread Loaf fire.
	July 6	German Summer School reopened.
	Sept. 24	"Women's College at Middlebury" officially opened.
1932	July 1	Casa Italiana opened.
1933	May 14	First Reading Period started.
1936	June 13	Formal Dedication of Forest Hall
	Dec.	Painter Hall opened after reconstruction.

Painter Hall

GENERAL INFORMATION

PURPOSE

Heredity and environment inevitably play a large part in giving character to any college. Scholastic traditions built up over a period of 137 years contribute much to the present. Middlebury has always been a liberal arts college, and it has adapted this traditional thesis to modern education; its faculty, curriculum, and society are now organized to provide students with a comprehensive and balanced knowledge of the sciences, language and literature, history and philosophy, social, political and economic institutions. A three-fold program for each student is stressed: intensive work in one field of planned study, in which a student takes a comprehensive examination during the senior year; a survey of many subjects as they relate to this field of concentration; the study of definitely cultural courses to give breadth and perspective. Middlebury has no vocational or professional schools. The one undergraduate degree is Bachelor of Arts. However, a cooperative plan with the Massachusetts Institute of Technology enables students wishing specialized and advanced scientific training, as well as the liberal education, to spend three years at Middlebury followed by two at the Institute. At the end of this period of five years the degrees from both institutions are conferred.

Middlebury College admits men only; the affiliated Women's College of Middlebury is on an adjacent campus. A number of classes and organizations, however, are coeducational.

The College is non-sectarian, but fosters the tradition of Christian faith and sincere moral purpose established by the founders. Students are required to attend the daily chapel services led by the President and the Sunday vesper services conducted by men of eminence in various denominations and the President.

The limited size of the College is largely responsible for a strong democratic spirit among both faculty and students. Instructors and administrative officers welcome calls from students either at their offices or in their homes. The President cordially invites student consultation on any subject.

LOCATION AND CAMPUS

The College is located on a hill overlooking a typical central Vermont village, a wide sweep of the Champlain Valley, the Green Mountains to the east and the Adirondacks across Lake Champlain to the west. The campus is the largest of any college in the world, with about 250 acres for buildings, athletic grounds, and Otter Creek shore line, and a mountain campus of 15,000 acres including some of the highest peaks in the State. The United States Government has taken over the title to an adjacent area formerly owned by the College, as part of the Green Mountain National Forest. Both tracts are used by students for outings, winter sports, and week-end trips to lodges. Middlebury is one of the winter sports centers of New England. The annual carnival is held during February on Chipman Hill where a 30 metre jump, ideal slalom and downhill courses and a toboggan run have been developed. The Porter Athletic Field, situated southeast of the main campus, contains about eighty acres, with baseball and football fields, quarter-mile track, grandstand, and a special field for freshman athletics. Students are permitted to use the Middlebury Country Club Golf Course without charge during the college year.

VOCATIONAL PREPARATION

The earlier in life that the average person can correctly decide upon the bent of his life work the more successful he is likely to be, since more time and thought can be spent on his cultural and specialized preparation. With this in mind a prospective college student or under-classman should study with some care the Middlebury Bulletin "To College With a Purpose." This booklet outlines desirable high school and college courses for some sixty careers such as the following: Accounting, Advertising, Architecture, Athletic Coaching, Banking, Broadcasting, Business Administration, Chemical Engineering, Dentistry, Diplomacy, Dramatics, Educational Administration, Engineering, Foreign Trade, Forestry, Hotel Work, Journalism, Law, Library Work, Medicine, Ministry, Musical Directing, Psychiatry, Public Administration, Settlement Work and Teaching.

Emphasis is placed upon organizing the student curriculum with the later professional work in mind. In addition, a vocational guidance program includes: special library service, consultation with departmental advisers, and cooperation of an undergraduate committee. Men of prominence in various important occupations have been brought to Middlebury for lectures and conferences on their fields and, through cooperation with the Bureau of Education and Vocation of the University Club of Boston, the counseling and placement services of its director, Mr. Stanley C. Lary, are available for Middlebury men. The office of the Director of Admissions and Personnel of the College has files of the catalogues and special announcements of graduate and professional schools and maintains contacts with professional, business, and industrial interests.

BUILDINGS

Most of the college buildings are constructed of gray limestone or white marble, colonial in architecture and consistent with the extensive campus and mountain setting. Administrative and faculty offices are located on the first floor of Painter Hall and in the Old Chapel. Class rooms for many of the language and social science departments are also in the Old Chapel building. The Departments of Chemistry and Mathematics are in the Chemistry Building and the other science departments in Warner Science Hall. A small Museum of Natural History is also in this building. In the Starr Library are reading, lecture, periodical, reserve and fine arts rooms. Students have free access to the main stacks which carry about 100,000 volumes. The private library of Dr. Julian W. Abernethy, containing one of the finest collections of American Literature in the country, is in the east wing of the building. There are also rooms for seminars, typewriting, the Sheldon Coin Collection, Middleburiana and local history. The headquarters for the Department of Music are in the Music Building, where private studios for vocal and instrumental practice as well as a hall for Glee Club, Band and Choir rehearsals are located. Curricular and extra-curricular work connected with play production is carried on in the Playhouse on Weybridge Street. In the McCullough Gymnasium are a basketball court, auditorium, handball and squash courts, locker rooms, and offices for the Director of Athletics and his assistants. All classes in Physical Education are held in the Gymnasium. Recitation rooms of the French Department, the office of the Dean of the French School and the Library are on the first floor of the Château. Daily assembly and Sunday Vespers are held in Mead Memorial Chapel, a colonial white marble structure of the New England meeting-house type.

DORMITORY ROOMS

Painter, Starr, and Hepburn Halls are the three main dormitories. All rooms are provided with single beds, mattresses, desks, chiffoniers, and chairs. Bedding, pillows and other accessories are furnished by occupants. The charge of $100 to $150 a year, depending on locality and size of suite, includes janitor service, heat, and a limited amount of electricity determined by monthly meter readings. Two students occupy each suite of two or three rooms, though there are single rooms in Painter Hall. Each suite in Hepburn Hall is connected with a toilet room. Showers are conveniently located in all dormitories.

The Freshman Commons and men's social rooms are located in Hepburn Hall. All members of the freshman class are required to board at the Commons and through a plan for rotation of seating, opportunity is offered for meeting classmates. The Commons is managed by the college Dietitian and the Matron and Superintendent of Dormitories has her home in this Hall. A limited number of men whose qualifications for speaking French are approved by the Dean of the French School may take their meals at the Château.

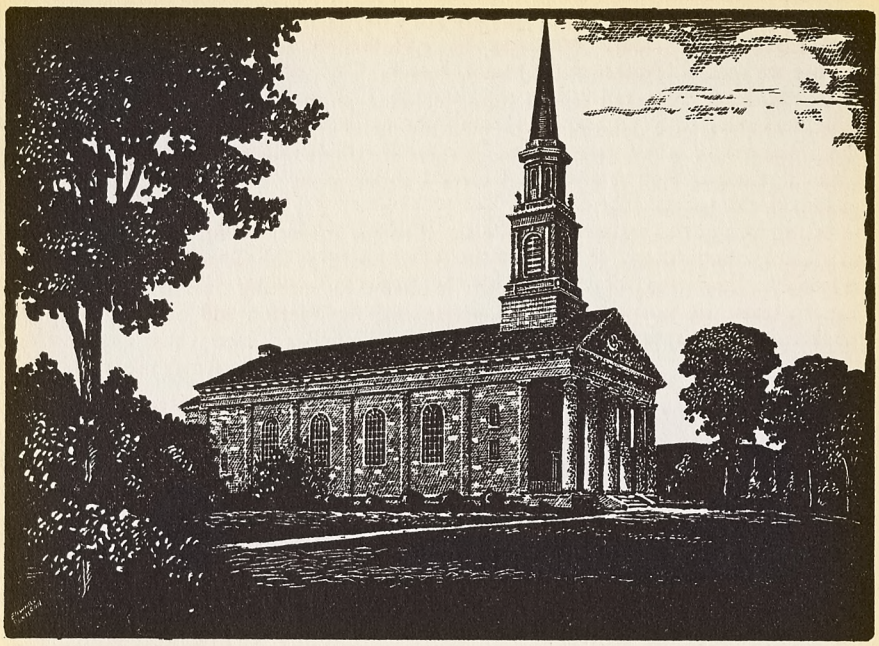
In assigning rooms, preference is given to students in College in order of classes. A drawing for rooms is held about May 1. Students occupying rooms may retain them for another year by depositing a $5 advance payment on room rent with the Dean before April 30. Incoming students desiring rooms may secure reservations by sending the $5 advance deposit to the Director of Admissions and Personnel. Such reservations may not be cancelled after August 1. Students reserving rooms are responsible for the one year's rent. Rooms not taken May 1 will be assigned to students applying later in order of application, irrespective of classes. All rooms are assigned subject to the regulations of the College as to student residences, and occupants are liable for any damage to the dormitory and its furnishings. The halls are ready for occupancy by students on the first day of registration following the summer vacation period. The Dean or a duly designated representative of the College has the right to inspect at any time rooms occupied by students.

EXTRA-CURRICULAR ACTIVITIES

Opportunities for hearing musicians, lecturers, and entertainers of wide reputation are provided by such organizations as the College Entertainment Committee, the Liberal Club, and the Abernethy Library. Robert Frost, Dorothy Thompson, John Mason Brown, The Westminster Choir, Hart House String Quartet, Felix Salmond, Myra Hess, Kathryn Meisle, Rollo Walter Brown, Bernard DeVoto, Ralph Kirkpatrick, and Blanche Yurka are representative of those who have recently appeared. In addition, there are weekly "Twilight" musicals, Dramatic Club productions, the annual concerts of the Glee Clubs, Choral Society, and Orchestra, and the special seasonal music of the Choir.

The undergraduate organizations at Middlebury include: Athletic Council, Band, Black Panther Serenaders, Blue Key, Choir, Debating Team, Der Deutche Verein, El Club Espanol, English Club, Glee Club, Independent Association, Interfraternity Council, Le Cercle Francais, Liberal Club, Mountain Club, Orchestra, Phi Beta Kappa, Student Council, Undergraduate Association, Varsity "M" Club, Waubanakee. There are seven Greek-letter social fraternities: Alpha Sigma Phi, Beta Kappa, Chi Psi, Delta Kappa Epsilon, Delta Upsilon, Kappa Delta Rho, and Sigma Phi Epsilon.

Periodicals edited and managed by students are: *Middlebury Campus*, the weekly newspaper; *Saxonian*, quarterly literary magazine; *Kaleidoscope*, College year book, published in May; *Handbook*, annual information booklet for Freshmen.



Mead Chapel

Competent athletic coaching is provided for both Varsity and freshman sports. Intramural games are arranged, including interclass and interfraternity contests in basketball, baseball, track, winter sports, golf, and tennis. Skiing, snowshoeing, and hockey are special features of the winter season. One semester's residence is required before students are permitted to represent the College in varsity contests. A fund now amounting to $118,900 was established by the late Hon. A. Barton Hepburn for the promotion of major sports. The Director of Athletics, together with the Athletic Council, composed of members of the faculty, alumni, and students, has general supervision over all sports. The College does not assume legal responsibility for the expense in caring for injuries sustained by student athletes, while training for or participating in athletic competition. It has been the policy, however, to pay for expenses within reasonable limitations determined by the Athletic Council. Middlebury supports varsity teams in football, baseball, cross-country, hockey, tennis, golf, basketball, track and winter sports.

HEALTH MEASURES

The College aims to investigate and care for the health of each student as far as possible. The Department of Physical Education commands the services of a professor and assistants. Prescribed work in physical education and hygiene is required of all Freshmen, and attendance is also required at such special lectures in hygiene as may be announced by the Director of Physical Education. Every Freshman must present, upon matriculation, a health certificate signed by a physician. At least two physical examinations are given by the Director of Physical Education during the freshman year. Measurements and records are kept and corrective exercises are prescribed when needed. Students are encouraged to organize and carry on a great variety of outdoor sports under the general charge of the Director. All cases of illness are reported immediately to the college nurse who cooperates with the local physicians. Porter Hospital is fully equipped for the accommodation of any cases of illness which may arise. The health fee entitles each student to seven days hospitalization at the minimum rate. Private rooms, special nursing, and physicians' fees are taken care of by the student. The importance to the student of laying a sound physical foundation during the years of his college course cannot be overestimated, and *the College reserves the right to ask the withdrawal of any student whose physical condition is not satisfactory.*

CHAPEL SERVICES

Students are required to attend daily chapel assemblies conducted by the President, as well as Sunday Vespers services led by men distinguished in educational and religious fields. Among the list of Vespers speakers are: Henry Hallam Tweedy, Yale Divinity School; James Lukens McConaughy, President, Wesleyan University; J. Edgar Park, President, Wheaton College; Charles R. Brown, Dean Emeritus, Yale Divinity School; Arthur W. Hewitt, Headmaster, Montpelier Seminary; A. G. Butzer, Westminster Church, Buffalo; Lynn Harold Hough, Dean, Drew University; Gaius Glenn Atkins, Auburn Theological Seminary; Bernard Iddings Bell, formerly Warden at St. Stephens College; Robert C. Clothier, President, Rutgers University; Leslie Glenn, Trinity Church, Cambridge; W. M. Lewis, President, Lafayette College; John M. Thomas, former President of Middlebury College.

COLLEGE REGULATIONS

The College places in the hands of each student a pamphlet of regulations containing detailed information as to enrollment, attendance, scholarship, examinations, athletics, and student activities. Since the necessarily limited enrollment places upon the

College the obligation to select candidates with the utmost care possible, a responsibility is felt for those who are accepted and the gratifying record that Middlebury graduates have made is due, we believe, to this. To safeguard this record of the past, *the College reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable, and without assigning any further reason therefor; in such cases the fees due or which may have been paid in advance to the College will not be refunded or remitted, in whole or in part, and neither the College nor any of its officers shall be under any liability whatsoever for such exclusion.*

EXPENSES

Bills are payable by semesters. All students entering for the first time are required to make an initial deposit of $100.00 on their semester bill at the time of registration. Members of the sophomore, junior, and senior classes are required to pay all arrears and to make a deposit of at least $50.00 on their new accounts before they are permitted to enter classes. Bills for the first semester must be settled in full by November first or satisfactory arrangements made at the Treasurer's office. For the second semester all students are required to make a minimum deposit of $50.00 before enrolling, and accounts must be settled in full or satisfactory arrangements made by March 1. A certificate of deposit from the Treasurer's office and a class card are required before the student is allowed to attend classes.

The following table includes the principal items of expense:

Tuition	$300.00
College room rent, including heat and electricity (limited)	$100.00 to 150.00
Table board at Hepburn Commons or the Chateau	250.00
Gymnasium and athletic fee	20.00
*Health fee	10.00
Publications:	
The Campus	2.00
The Saxonian	1.00
The Kaleidoscope	4.00
Undergraduate Association dues	1.00
Lecture fee	2.00

With the help of the list of fixed charges given above, the individual student should be able to work out an approximate estimate of his expenses for the year. The annual charges vary from $690 to $740, exclusive of laboratory fees and charges for extra courses, the difference depending on the price of the room selected. In addition to these the student should consider travel, textbooks, clothing, fraternity dues, and social assessments. Items varying according to class, courses, and society:

Special laboratory fees (see course descriptions)	$2.00 to $12.00
Extra course per semester	30.00
Graduation fee (seniors only)	11.00
Books and supplies	20.00 to 50.00
Fraternity dues	40.00 to 100.00

The College makes no refund of tuition for absence, withdrawal or dismissal from College, except for continued illness. No student will be permitted to take his examinations, given his credits, or considered honorably dismissed until all his accounts have been paid in full.

The College reserves the right to change quoted charges if necessary to meet the actual cost.

The College does not undertake to guarantee employment to students and does not *encourage* men to enter who are without adequate resources. There are, however, a limited number of opportunities for men to assist themselves doing such work as wait-

*In addition to minor dispensary service, this covers seven days service at Porter Hospital, when necessary, at the minimum rate of $3.00 per day.

ing on table in Hepburn dining room, assisting in the laboratories and offices of the College, and acting as janitors. The village of Middlebury is small and consequently the amount of work available outside the College is limited. It is the rare student who finds sufficient employment to cover his entire expenses, and with the present enrollment steady work cannot be supplied to all who apply. An employment bureau conducted by the office of the Dean serves as a clearing house for such work about the College and village as is available. Prior to matriculation, incoming students should address all communications concerning employment to the Director of Admissions and Personnel.

The Registrar will issue a transcript of record on request to students wishing to transfer or in any other way needing a statement of their credits. One copy of the college record is furnished free. A fee of one dollar will be charged for a duplicate of the transcript. In the case of students who have received scholarship aid or who are financially indebted to the College, however, no transcript will be issued until satisfactory arrangements have been made at the Treasurer's office.

GOVERNMENT AND RESOURCES

The government of the College is by a board of Trustees whose corporate title is "The President and Fellows of Middlebury College." The corporation is self-perpetuating and the charter of the College contains no restrictions as to elections. The College owns buildings, equipment and grounds valued at $2,110,000. The permanent endowment amounts to $4,300,000. An appropriation of $7,200 is received from the State of Vermont, for scholarships. The expenditures for the year 1935-36 were approximately $335,733.00. The College has never impaired its endowments and is not in debt.

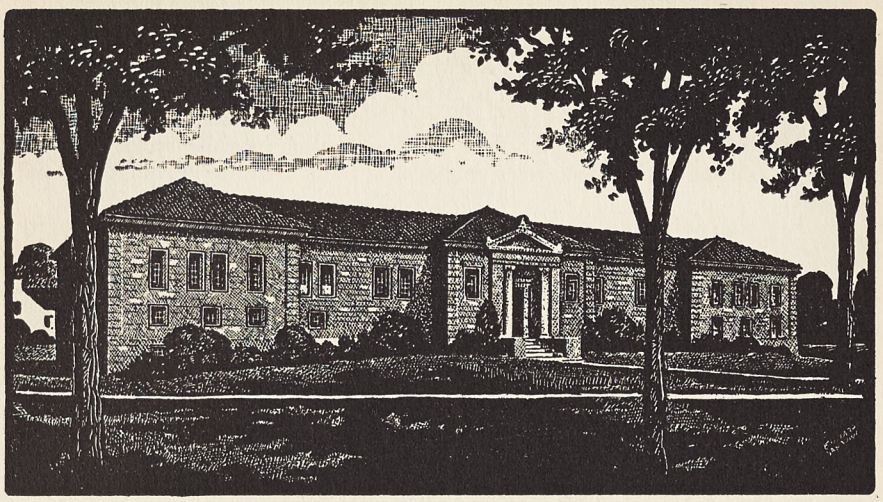
PUBLICATIONS

The following bulletins are supplied by the Office of the College Editor: The College Directory, The Romance Languages, The German School, Scuola Italiana, The Bread Loaf School of English, Bread Loaf Writers' Conference, The College Sketch Book, The Environs of Middlebury, Guide to the Vicinity of Middlebury, To College With a Purpose.

A history of Middlebury College, "Father Went to College," ($3.00), published in November 1936, may be secured from the College Press or the publishers, Wilson-Erickson, Inc., 33 West Forty-Second Street, New York City.

CORRESPONDENCE

Inquiries regarding admission of men should be addressed to Mr. E. J. Wiley, Director of Admissions and Personnel; regarding admission of women to Miss Frances H. C. Warner, Director of Admissions for women. These offices will supply bulletins and information. Professor Harry G. Owen, Chairman of the Committee on Graduate Work, should be consulted by men or women interested in graduate courses. Correspondence with regard to the summer Language Schools should be addressed to Mrs. Pamelia S. Powell, Secretary and Recorder of the Summer Session.



Starr Library

ADMISSION

Middlebury is primarily concerned with offering a sound liberal arts education which can give to men the broadest possible background for specialized careers. Preparatory school students who consider entering Middlebury should bear this in mind.

Since the College considers the personality and the character of the student fully as important as his scholastic credentials, a personal interview with each applicant is ordinarily arranged by the Director of Admissions and Personnel either at the College or at some convenient point. The recommendations of the principal, alumni, and others known to the College are carefully weighed. In all cases, an adequate certificate of health is required.

In approving a candidate for admission, his entire secondary school course is analysed, particular attention being paid to the work of the last two years. Preference is given the candidate who presents a carefully planned program with well integrated subject matter, rather than a haphazard collection of unrelated preparatory courses. Available data as to his school life and interests is studied, as well as the scores on scholastic aptitude, achievement and other diagnostic tests given by the preparatory school.

Students may enter by certification, examination, or both, and the Definition of Requirements of the College Entrance Examination Board is accepted as a standard for requirements in the various subjects.

BY CERTIFICATION

Candidates applying for entrance by certificate must be from approved secondary schools, listed by the New England College Entrance Certificate Board, the Board of Regents of the State of New York, or elsewhere by state or regional accrediting associations acceptable to the Committee on Admission. New England schools not upon the approved list of the Certificate Board, but meeting its requirements in respect to curriculum, teaching staff and equipment, may, for the purpose of showing their standard of certification, send one or more students on certificate, if arrangements for so doing are concluded with the Board before April 1. Inquiries on this subject may be addressed to Professor Frank W. Nicolson, Secretary of the Board, Wesleyan University, Middletown, Conn.

Students who have taken the examinations of the College Entrance Examination Board, or of the Board of Regents of the State of New York will be credited upon certificate for all such examinations passed with satisfactory grades.

Fifteen units are necessary for entrance by certificate, distributed as follows; three required units in English, nine optional units made up from ancient or modern languages, mathematics, history, natural science and social science; and three free unit choices from other approved preparatory school subjects.

In special cases a passing grade in the free choices may be accepted from candidates showing outstanding preparation in the required and optional units, but the Committee on Admission must be satisfied, on the basis of all the information available, that the candidate is qualified to pursue a college course.

A *unit* ordinarily refers to a full year's work in one subject, except English where three units are given for four years' work. Those who contemplate doing advanced work in English or a foreign language are advised to present three or preferably four

years of Latin. Those who contemplate college work in mathematics, chemistry, physics, or economics should present three years of mathematics. There are several fields of study for which the subjects recommended above are not essential, but those who include these subjects in their preparatory program will have a wider range of choice.

Special Certification

Students who have graduated in the first third of their class from any approved high school and who are certified by their principals upon the general record of their courses, rather than in individual subjects, may be admitted provided they have satisfied the twelve required and optional units. A detailed statement of the high school course will be accepted for the remaining three units. No conditions will be allowed. It is understood that in granting this *special certification*, the principal is assuming the same obligation for the work certified that he does for a student to whom he gives regular certification.

BY EXAMINATION

Students who do not comply with the requirements for complete certification may enter by examination, or by partial certification and examination.

Those who desire to enter entirely by examination may make application for admission on the basis of "Plan B" examinations (examinations in four fundamental subjects), given by the College Entrance Examination Board at convenient points. Information on subjects to be chosen for "Plan B" examinations may be secured by application to the Director of Admissions and Personnel.

The College Entrance Examination Board will hold examinations June 18-25, 1938, (the scholastic aptitude test is held on June 18th), at over three hundred points in this country and abroad. A list of these places will be published about March 1, 1938. Requests that the examinations be held at particular points should be transmitted to the Secretary of the College Entrance Examination Board not later than February 1, 1938.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published annually about December 1. Upon request to the Secretary of the College Entrance Examination Board a single copy of this document will be sent to any teacher without charge. In general, there will be a charge of thirty cents, which may be remitted in postage.

All candidates wishing to take these examinations should make application by mail to the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York, N. Y. Blank forms for this purpose will be mailed by the Secretary of the Board to any teacher or candidate upon request by mail.

The applications and fees of all candidates who wish to take the examinations in June, 1938, should reach the Secretary of the Board not later than the dates specified in the following schedule: For examination centers

In the United States east of the Mississippi River or on the Mississippi May 30, 1938
In the United States west of the Mississippi River or in Canada May 23, 1938
Outside of the United States and Canada except in Asia May 9, 1938
In China or elsewhere in the Orient April 25, 1938.

An application which reaches the Secretary later than the scheduled date will be accepted only upon payment of $5 in addition to the regular examination fee of $10.

The Scholastic Aptitude Test may be taken upon the completion of the school course or at the end of the third year of secondary school work. Each candidate desiring to

take this test, even though he is to take no other examination, must file with the Secretary of the Board the usual application for examination. If the Scholastic Aptitude Test is taken in connection with other examinations, no additional fee is required; if taken alone, the fee is $10.

BY CERTIFICATION AND EXAMINATION

Students from approved schools (as previously defined) who have only partial certification totaling eight units or more may make up deficiencies by taking "College Board" examinations covering the units in which they are not certified. No total certification for less than eight units will be considered, but the eight units need not all be from the same school. Minor deficiencies of students already accepted may also be made up by taking examinations given by the College in September at Middlebury, but it is understood that places in the quota for the Freshman class cannot be guaranteed to such candidates, even if successful in the examinations, unless there is a sufficient number of vacancies in the quota to make possible their acceptance.

ENTRANCE CONDITIONS

Preference will be given to those entering without conditions, but students otherwise highly recommended, may, if there is a place for them, be admitted if conditioned in not more than two units. Not more than one of these conditions may be in English. The methods by which entrance conditions may be removed are: by taking the regular entrance examinations at Middlebury in September; by keeping an average of 80 percent in all the work of the Freshman year, with grades in all subjects above passing; or by having at the beginning of the Sophomore year three credits deducted from the college record for each unit or fraction of the remaining entrance conditions. However, the latter shall not be construed as prejudicing any work that the student may have done toward satisfying major requirements, or in meeting his prescribed courses. After the opening of his second year, no student may take an examination to remove entrance conditions.

ADMISSION PROCEDURE

All inquiries with regard to admissions should be addressed to the Director of Admissions and Personnel. He will supply necessary admission forms to the applicant, and upon receipt of an application for admission, will submit certificate forms directly to the principal of the preparatory school. Other forms are sent to the applicant's references.

Early application is advisable, since the enrollment in the Freshman class is limited. A tentative choice of applicants is made by a series of selections. The first is made by the Committee on Admission about the middle of March, at which time records of applicants through the first half of the Senior year are usually available. The applicant is informed as soon as he is accepted, but final action is not taken on the application until the preparatory school record is complete. Ordinarily the tentative acceptance becomes final as soon as the candidate successfully completes the work of the Senior year.

ADVANCED STANDING

Only a limited number of students can be accepted in any year by transfer from other institutions. A candidate for admission to advanced standing should present a detailed transcript of his work in the institution previously attended, including a list of preparatory subjects accepted by that institution, and a statement of honorable dismissal.

No student who has been separated from another institution for reasons of scholarship will be granted any academic favor that would not be extended by the institution from which the separation was made.

Applications for admission to advanced standing are expected to meet the same standards with regard to character and personality that apply to candidates for admission to the Freshman class.

All students transferring from other institutions are given provisional class ranking for their first year. At the close of this period their credits are adjusted and it is understood that in making the adjustment the quality of the work done at Middlebury is taken into consideration.

A student satisfying an instructor of fitness to do so may take a qualifying examination in any subject of the Freshman year, which, if passed, will be accepted as prerequisite to the succeeding course, but will not entitle the student to college credit for the examination so passed.

FRESHMAN WEEK

Directly preceding the opening of College a three day "Freshman Week" is scheduled. The program, aimed to assist Freshmen in their adjustment to the college community, includes an informal assembly of the class on the opening evening, registration, orientation lectures, psychological test, physical examination, sex hygiene lectures, and training in use of the library. Each student is assigned to a faculty adviser who assists him in making out his program of studies.

CURRICULUM

Middlebury College confers one degree, Bachelor of Arts. To obtain the variety of interests and breadth of view which graduation from a college of liberal arts implies, undergraduates are urged to distribute their selection of courses wisely. Students should plan their four years' work, bearing in mind that a comprehensive examination must be taken at the end of the senior year covering all the subjects in which major work was done. The Bulletin "To College With a Purpose," which presents desirable programs for various careers, should be studied with care. Advisers are appointed to give students individual assistance in making the wisest selection of courses.

The first three days of the college year, Monday, Tuesday and Wednesday, are given over to registration and condition examinations. All students are required to enroll and register their election of courses in the gymnasium on one of these days. For the second semester registration must be completed at the Registrar's office on or before the Friday preceding it. A charge of $5 will be made for each enrollment after the days assigned for registration. The schedule of courses must be endorsed by the advisers before the Registrar will submit class cards to the instructors.

ORGANIZATION OF COURSES

The twenty-six departments are arranged in three divisions as follows:

Language Division
American Literature
Drama and Public Speaking
English
French
German
Greek
Italian
Latin
Spanish

Social Science Division
Contemporary Civilization
Economics
Education and Psychology
Fine Arts
History
Music
Philosophy
Physical Education
Political Science
Sociology

Natural Science Division
Astronomy
Biology
Chemistry
Drawing and Surveying
Geology and Geography
Mathematics
Physics

The normal number of courses of study required of each student in a given year is five. In order for Sophomores, Juniors, and Seniors to take six courses they must have attained an average of 80 percent in all work of the previous year; to take seven courses, 90 percent. A charge of $30 a semester is made for each extra course.

Undergraduate work is reckoned in semester hours and courses. A semester hour means one period of class work per week for one semester. All courses, unless otherwise stated, are conducted three hours a week, so that the normal amount of classroom work required is fifteen recitation hours a week, exclusive of preparation. Laboratory courses require double periods, each double period usually counting the same as one hour of recitation.

While the amount of time required for thorough preparation differs in different studies and for different students, every student should allow at least two hours for the preparation of each hour of recitation; the best results of collegiate training cannot be expected from less.

In the first year two of the five subjects are prescribed by faculty regulation. The History of English Literature and Contemporary Civilization are required of all Freshmen. The remaining three courses are free electives and may be chosen from any subjects open to Freshmen. At present these include the college introductory courses

Starr Hall

in Biology, Chemistry, History, Mathematics, Music, Political Science, and any of the ancient or modern languages. Those who have taken a modern language in high school and have acquired satisfactory preparation may continue the subject in intermediate or advanced courses. Freshmen may take practical work in music but without college credit.

At the end of the freshman year each student, in consultation with a faculty adviser, determines upon a Field of Planned Study to be pursued through the remaining three years. A Field of Planned Study is a group of courses so planned as to form an integrated and coherent whole, attention being paid to the advantageous sequence of courses within a department and to the coordination of courses in different departments. As a rule each Field of Planned Study centers around some one department which sponsors the plan, the courses in that department being designated the major, those in other departments being called cognate courses. The total amount of work comprehended in any Field of Planned Study is not less than 48 and not more than 72 semester hours beyond the work of the freshman year, and not more than one half of the courses in any plan are to be in the major department, except in the case of a joint major. A joint major is the basis of a Field of Planned Study sponsored by two departments which cooperate for that purpose, in which case two-thirds of the work may be divided between those departments. Each department having facilities for major work publishes one or more Fields of Planned Study based upon work in that department as a major, and in addition may draft individual plans to meet the needs of students having special interests not met by any of the regular plans.

The student's adviser for the freshman year, or the dean, or both, will act as consultants in facilitating the wise selection of a Field of Planned Study. When one has been definitely chosen, a permanent adviser for the remainder of the college course is assigned to the student by and from the department sponsoring the plan chosen.

The following regulations are prescribed for the choice of studies after the first year, and each student before graduation shall meet these requirements as to a major and the distribution of work.

1. At the end of the freshman year a major study shall be elected and not less than twenty-four nor more than thirty-six hours in that department shall be completed beyond the work of the freshman year.

2. Completion of not less than twenty-four nor more than thirty-six hours beyond the work of the freshman year in such cognate courses in various departments as the major department may specify in order to have a unified field of study.

3. The student shall complete a minimum of twelve hours in each group and shall not take more than eighty-four in any one.

Freshmen may not elect more than one course in a department, Sophomores not more than two, and Juniors and Seniors not more than three. The total amount of work in any department may not exceed forty-two hours.

A Sophomore who for any reason is not satisfied with the first choice of a major may at the end of the year change to another subject, but assurance should first be obtained from the department to which the change is proposed that the student will be able to meet its requirements in the remaining two years. After the close of the sophomore year changes in a major subject will be allowed only for exceptional reasons and with the consent of the major adviser.

No change in studies will be allowed during the first week of classroom work except by permission of the Chief Adviser. During the second week of classroom work a change may be made only with the permission of the Chief Adviser and the Instructor involved, and the payment of a fee of $5. For making a change during the third week

of classroom work a fee of $10 will be required. The fee in each case must be paid to the Registrar before the new Admittance Card is given to the Instructor. After the third week of classroom work no change may be made except within a department and upon the initiative of the Instructor.

The completion of 40 semester courses of 3 hours or more each per week, or their equivalent in year courses, is required for a degree. The final year of work must be taken at Middlebury College, except as provided in the coordinated plan with Massachusetts Institute of Technology.

SCHOLARSHIP

Scholarship is graded on the scale of 100 percent, 60 percent being passing.

Reports of standing are made at the end of each semester. At these times notices of failures are sent to both students and parents.

At least 32 of the 40 semester courses required for graduation must be of not less than 70 percent grade.

A student credited with the equivalent of eight semester courses at the beginning of the college year will be ranked as a Sophomore for that year; with 18, a Junior; with 28, a Senior.

Not more than six semester hours can be attained by an undergraduate at a Summer Session. Proportionate credit, however, will be allowed for work in summer sessions or summer quarters at other institutions where the period of summer work is longer than six weeks.

CONDITIONS IN COLLEGE WORK

A student who fails to pass a course at the close of the first semester and is thereby conditioned, but who is permitted to remain in College, is given an opportunity to take a make-up examination either on the first day after the Easter recess or on such one of the first three days of the next college year as shall be determined by the Registrar. A student who is conditioned at the close of the second semester, and who is permitted to remain in College, may take an examination on such one of the first three days of the next college year as shall be determined by the Registrar, or on the first day after the Christmas recess.

Application for the opportunity to remove a condition or deficiency must be made to the Registrar and a fee of $5 paid. If an examination is to be taken, the application to the Registrar must be made at least one week in advance of the time set for the examination.

A make-up examination must be taken at the time for which the student registers, unless excused by the Dean in advance.

No exceptions will be made except that a Senior may take an examination for each deficiency, or condition, incurred during the senior year, on the Friday preceding Commencement. But no make-up in a comprehensive will be offered until the following May.

To remove a condition the average of the term mark and the new examination mark combined in the ratio of three to one must reach 60 percent.

Any student failing to make up a condition as provided for above must repeat the course with the following class if the subject is a required one, even though, from conflict of hours or any other cause, it necessitates the temporary omission of some of the regular work of his class.

EXAMINATIONS

Many courses are offered in year rather than semester units and final examinations on the whole year's work are given in June unless otherwise noted in the course description. When they are listed as half-year courses final examinations are given at the end of each semester.

A student inexcusably absent from an examination will be conditioned. A student unavoidably absent from College at the time set by the Registrar for taking the examination will be given an opportunity without fee immediately upon the return to College or before the beginning of the corresponding semester of the following year. If one fails to meet this requirement, the course must be repeated with the following class if the subject is a required one.

A student whose grade in any course falls below 50 percent is excluded from examination and must, if the subject is a required one, repeat it with the following class.

A student will be conditioned whose recitation and examination mark combined in the ratio of three to one is below 60 percent. No student whose examination mark is below 50 percent will be allowed to pass.

COMPREHENSIVE EXAMINATIONS

At the end of the senior year every student must pass a general examination testing comprehensive knowledge of the subject in which major work was chosen and covering all of the requirements in that department. A passing grade of 60 percent in this is required for graduation. This examination is divided into not less than two parts of at least two hours each, and given a week or more before the beginning of final examinations. Each department may require related courses in other departments, as part of the material of the general examination.

Students majoring in a modern language should have the ability to understand, speak, and write the language easily and should have acquired a knowledge of the history and civilization, the chief authors and main currents in the literature of the country.

A student who fails to pass the comprehensive may not take a second examination until the following May.

Students who pass the comprehensive with a grade of 75 percent may, at the discretion of the department, be excused from final course examinations in any or all courses that may fall within the field of concentration, including allied courses accepted for this purpose. It is understood, however, that no student is excused from any other requirement in courses.

The week previous to the time taken up by the comprehensive examinations is considered a Reading Period for Seniors and classes composed of over 80 percent Seniors may be discontinued at the discretion of the Instructor. In all other courses Seniors are held responsible for material content which can be covered by reading or laboratory work, but are not required to attend classes nor held responsible for the class discussion. Departments assist students in organizing and coordinating their material for the comprehensive examinations by individual conferences, group seminars, series of lectures, reading lists and syllabi, sample examinations, or senior coordinating courses.

The purpose of the comprehensive examination requirement is to put the emphasis on the assimilation of knowledge and on the acquisition of a broad and deep comprehension of the student's major subject, both in the various phases of the subject itself and also in its relation to other branches of knowledge. The required and recommended

courses indicated by each department are a guide to the material to be covered by the examination. Instead of the mere accumulation of points from a certain number of isolated courses passed, the Middlebury Bachelor's Degree represents a unified body of intellectual experience, gathered and assimilated over a period of four years, and correlated for practical application to intellectual problems.

DEPARTMENTAL HONORS

As an incentive to such students as have the ability to do more than should be required of the majority, and to promote and encourage individual investigation in the various departments of the curriculum, the faculty has established a system of honors. These are divided into two classes, Honors and High Honors, and are subject to the following regulations:

1. Honors must be sought in the department in which the candidate is concentrating, and at the end of his course his application for Honors must have the unanimous recommendation of the department.

2. The candidate shall announce the intention of working for Honors to the head of the department concerned at a time not later than the registration period at the beginning of the senior year. It is urgently recommended, however, that the candidate consult with the departmental head at as early a time as possible in order that the requirements for Honors in the department concerned may be thoroughly understood and completely met.

3. Each candidate for Honors shall be required to pass by unanimous vote of the entire department concerned a special comprehensive examination to be devised and administered by the department in which Honors are sought and as specified in Section 6 that follows. Each department shall issue at least one year before the date set for the special examination a statement of the material on which the examination shall be based and shall have the right to include such special requirements as seem suitable, such as complementary courses in allied departments, etc.

4. In order to secure Honors a student must have obtained an average rank of not less than 80 percent in the department in which Honors are sought; a general average of not less than 80 percent in the entire college course; and a grade of 85 percent in the special comprehensive examination. In order to secure High Honors the student must obtain an average rank of not less than 90 percent in the department in which High Honors are sought; a general average of not less than 85 percent in the entire college course; and a grade of 90 percent in the special comprehensive examination.

5. Candidates for Honors are expected to consult frequently with departmental heads concerning their progress in fulfilling requirements and in general concerning their preparation for the special comprehensive examination.

6. Candidates for Honors shall be required to take the regular departmental comprehensive examination with the addition of sufficient examination material to test the candidate's special preparation in his Honors work. It should be understood that this additional material with the regular departmental comprehensive examination shall constitute in effect a special examination. Should the candidate be unsuccessful in passing this examination the grade shall be recorded and the candidate shall then be given a grade for a regular comprehensive examination. Such candidates will, therefore, be subject to the usual requirements governing the regular comprehensive examination required of all students.

These honors will be printed on the Commencement program and in the next annual Catalogue, and will be certified to, when requested, by a written certificate from the

Registrar and the professor of the department, stating the nature and quality of the extra work done.

The degree of A.B. is conferred *cum laude* upon those who have attained an average rank, for the entire course, of 85 to 90 per cent; *magna cum laude* if that rank is 90 to 95 percent; *summa cum laude* if it is 95 percent or above.

HONORARY APPOINTMENTS

The faculty, under the direction of the Corporation, give the honorary Commencement appointments in College: to the senior attaining highest rank, the appointment of Valedictorian, and to the second in rank, the appointment of Salutatorian.

PHI BETA KAPPA

The Middlebury Chapter of Phi Beta Kappa Society is the Beta of Vermont. Members of each senior class, who have attained an average rank of 89 percent for six semesters, or an average rank of 87½ percent for eight semesters are eligible for membership, up to a maximum of 15 percent of the class.

Warner Science Hall

DEPARTMENTS AND COURSES OF INSTRUCTION

Most of the courses meet three times a week. The year in which a course would be elected most effectively by the average student is clearly indicated by the number used to define the course: numbers from 11 to 19 inclusive indicate freshman courses; numbers from 21 to 29, sophomore courses; from 31 to 39, junior courses; and from 41 to 49, senior courses. Figure 1 following the decimal point in the number of a course (*e.g.*, 21.1) shows that it is a first semester course; figure 2 (*e.g.*, 21.2) that it is a second semester course; the number without figure following decimal point (*e.g.*, 21.) indicates that it is a year course. Unless otherwise stated semester courses carry 3 credits and year courses 6 credits toward the required 120.

Prerequisite courses are shown in parentheses. *Bracketed courses are not given in the current year.* Not more than three courses in one department may be taken at the same time except by permission of the Administration Committee. In any modern language, students of any class will be assigned to those courses for which, in the judgment of the instructor, they are best fitted.

AMERICAN LITERATURE

Professor Cook

Courses required for Comprehensive Examination: 21.; 31.; 41.1 or its alternate; 42.2 or its alternate.

21. American Literature Survey.

A study of the main currents of literary thought in America to 1900, with particular emphasis on selected works of some major writers.

31. The American Novel.

A study of the main tendencies in the development of the novel in America. (American Literature 21.) (Permission.)

41.1 Contemporary American Poetry.

A study in contemporary American poetry as revealed in the work of outstanding poets. (American Literature 21.) (Permission.)

[41.2 The American Short Story.]

A study of the development of the short story in America. (American Literature 21.) (Permission.)

42.2 Emerson and Thoreau.

An intensive study of the work of major American authors who have made important contributions to American thought. (American Literature 21.) (Permission.)

51. Special Research Courses.

Open to qualified students. Recommended for Seniors preparing to obtain honors in American Literature. (American Literature 21.) (Permission.)

ASTRONOMY

Associate Professor Haller

21.1 A non-mathematical course giving a general survey of the physical universe including the motions and physical conditions of the earth and heavenly bodies. Sufficient use is made of the observatory to acquaint the student with the principal constellations, the moon, planets, and nebulae. Observations will continue in favorable weather through both semesters. (Permission.)

BIOLOGY

Professor Longwell
Professor Barney

Courses required for Comprehensive Examination: 11.; 21.; 22.; 31. Courses recommended: Chemistry 11.; Chemistry 23.; Philosophy 22.2.

11. General Biology.

An introduction to the fundamental biological laws and to the study of the interrelation of organisms; structure and function of physiological systems; laboratory study of selected animals and plants.

Laboratory fee, $10 per semester.

Professor Longwell.

21. Comparative Anatomy of Vertebrates.*

A comprehensive study of vertebrate structure with special reference to man, adaptation and evolution. Dissection of selected animal types. (Biology 11.)

Laboratory fee, $10 per semester.

Professor Longwell.

22. Structure and Physiology of Plants.

The morphology and physiology of seed plants; a general survey of the plant kingdom from the viewpoint of comparative morphology and physiology. (Biology 11.)

Laboratory fee, $10 per semester.

Professor Barney.

31. General Physiology.*

The functions of organs of the human body; physical and chemical nature of protoplasm; the structure of cells, cell physiology; chemistry of foods; digestion; metabolism; circulation; respiration; endocrine function; the vitamins; excretion; the neuro-muscular mechanism. Designed for the general student and those interested in dietetics, hygiene, physical education, and medicine. (Biology 11.) (Desirable antecedents, Chemistry 11. and Biology 21.)

Laboratory fee, $10 per semester.

Professor Barney.

41. General Bacteriology.*

Lectures and laboratory practice; structure and physiology of bacteria; the technique of their study; preparation of stains, reagents, culture media; determination of species; the bacteriology of water, sewage, milk, shellfish; animal immunity, cyclogeny, bacteriophagy. (Biology 11.)

Laboratory fee, $10 per semester.

Professor Barney.

[42.1 Genetics.*]

Principles of variation, selection, and heredity. Laws of inheritance in plants and animals. Human inheritance and its significance to society. Designed for advanced students in Biology and for those specializing in the social sciences. (Biology 11.)

Laboratory fee, $5. (Given in alternate years.)

*Open to Graduate Students.

43.1 Embryology and Histology.*

A study of the development of the human body The reproductive cells: maturation, fertilization, cleavage, etc., and development of the principal functional systems. Laboratory study of early stages in the chick, dissection and study of later embryonic stages of the pig. Preparation and staining of animal tissues. (Biology 11.) Given in 1937-1938 and in alternate years.

Laboratory fee, $5.

Professor Longwell.

45. Special.*

Individual research in a restricted field. (Permission.)

Laboratory fee, $10 per semester.

Professor Longwell and Professor Barney.

CHEMISTRY

Professor Voter
Associate Professor Haller
Associate Professor Womack

Mr. Johnson and other Assistants

Courses required for Comprehensive Examination: 11. or 13.; 21.; 23.; 31.; 41.; or their equivalents; Mathematics 11. and Physics 21.1, .2, or their equivalents; general knowledge of the literature and historical development of Chemistry (covered by 33. when given); reading knowledge of either German or French, German preferred.

Courses recommended: Chemistry 49., Economics, Psychology, Philosophy, and Logic. Additional work in Mathematics, Physics, and English, and a third science desirable.

A deposit fee to cover cost of broken apparatus is charged in each laboratory course, to be paid to the Treasurer at the beginning of each semester.

Students seeking Honors in this Department should consult with Head of the Department regarding additional requirements to those listed elsewhere in this catalogue.

11. Introductory General Chemistry.

Introduction to the fundamental principles of general chemistry, with the preparation and study of the elements and their more common compounds in the laboratory.

Laboratory fee, $10 per semester, and breakage.

Associate Professor Haller and Assistants.

13. General Chemistry.

Similar to Chemistry 11, but more advanced. Open to students who have passed the Entrance Board examination in chemistry and by permission to others who have had a satisfactory secondary school course.

Laboratory fee, $10 per semester and breakage.

Associate Professor Haller and Assistants.

21. Qualitative Analysis and Introductory Physical Chemistry.

Lectures and laboratory work. Complete analysis of inorganic substances including alloys, minerals and commercial products. Selected phases of elementary physical principles as a basis for understanding the underlying causes and technique of analytic and organic chemistry. (Chemistry 11. or 13.)

Laboratory fee, $10 per semester and breakage.

Professor Voter, Mr. Johnson.

*Open to Graduate Students.

23. Introductory Organic Chemistry.

Lectures and laboratory work on the carbon compounds. The methods of synthesis, properties, structures, industrial application, and physiological action of the more important members of each group are studied in detail. (Chemistry 11. or 13.)

Laboratory fee, $12 per semester and breakage.

Associate Professor Womack.

31. Quantitative Analysis.*

Laboratory work and lectures dealing with the general methods of Quantitative Analysis, gravimetric, volumetric, and electrolytic. (Chemistry 21. or 23.)

Laboratory fee, $10 per semester and breakage.

Professor Voter.

[33. Historical Chemistry and Chemical Literature.*]

A brief survey of the history of Chemistry and development of chemical theory. A study of the literature of Chemistry. (Chemistry 21. or 23.)

[35. Biological Chemistry.]

Lectures and laboratory work on the biochemistry of foods, digestion, nutrition and metabolism. Practical methods of blood and urine analysis; the chemistry of the tissues in health and disease. Meets the requirements of students concentrating in Home Economics and pre-medical students. This course should appeal to advanced students interested in the application of pure Chemistry to Biology. (Chemistry 23., Biology 31. at least simultaneously.)

Laboratory fee, $10 per semester and breakage.

41. Physical Chemistry.*

Lectures and laboratory work. A systematic presentation of modern chemical theory. The subject matter includes Atomic and Molecular theory; gases, liquids and solids; theory of solution; colloid chemistry and adsorption, reaction velocity, catalysis, and equilibrium in homogenous systems; The Phase Rule, Thermochemistry, Electrochemistry and Photochemistry. (Chemistry 21., 23., 31., at least simultaneously.)

Laboratory fee, $10 per semester and breakage.

Associate Professor Haller.

43.1 Advanced Organic.*

Lectures on the characterization of pure organic compounds. Unknown substances are analyzed qualitatively in the laboratory, and some introduction to the quantitative determination of the common elements and functional groups in organic compounds is given. (Chemistry 23. and 31.)

Laboratory fee, $12 and breakage.

Associate Professor Womack.

43.2 Advanced Organic.*

Advanced preparations, including a critical study of the mechanisms of important reactions with investigations of the original literature, and individual reports on special problems. (Chemistry 23. and 31. Chemistry 43.1 is not a prerequisite.)

Laboratory fee, $12 and breakage.

Associate Professor Womack.

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*Open to Graduate Students.

[45.2 Industrial Chemistry.*]

Lectures on the principal chemical industries, such as fuels, acids, gases, coal tar, etc. A study of the chemical reactions and apparatus used on a large scale. No laboratory work. (Chemistry 23., 31., at least simultaneously.)

Fee for industrial trips, $6.

[47.1 Chemical Microscopy and Spectroscopy.*]

Microscopic methods applied to chemical investigations. Study of crystalline compounds, recognition of paper and textile fibers. Rapid inorganic chemical analysis of minute samples. Spectroscopic methods applied to chemical investigations. Mapping and photographing spectra, spectroscopic analysis, detection of impurities. (Chemistry 21., 23., and 31.)

Laboratory fee, $10 and breakage.

49. Advanced General Chemistry.*

A comprehensive survey of chemical principles and practice; the history and literature; modern methods; optical and electrical instruments; problems involving a limited amount of laboratory work; visits to industrial plants and preparation for comprehensive examinations. Especially recommended for students majoring in Chemistry. This course is substituted for courses 45.2 and 47.1, in 1937-38. (Chemistry 41., at least simultaneously.)

Laboratory fee, $5 per semester and breakage.

Associate Professor Haller.

51. Research.*

Open to properly qualified students. Recommended for candidates for the Master's degree and for Seniors seeking honors in Chemistry. (Permission.)

Laboratory fee and breakage to be arranged individually.

a. Inorganic and Analytical Chemistry. Professor Voter.

b. Analytical and Physical Chemistry. Associate Professor Haller.

c. Organic and Biological Chemistry. Associate Professor Womack.

CONTEMPORARY CIVILIZATION

Associate Professor Heinrichs

Course required of all students in their freshman year.

11.1, .2 An orientation and correlation course on Current International Relations, the aim of which is to acquaint the student with life and thought of the principal countries of our present day world. Representative European, American, and Oriental countries will be studied for their significant social and political experiments in the post war period, showing their economic, social, and historical backgrounds and bearing on the life of the citizens of America today. The text sources are the *New York Times*, (the *Herald Tribune* or *Christian Science Monitor*, if preferred) and an extended list of the latest books on current subjects. A written book report is required every two weeks, and is carefully scrutinized by the staff of the department. Two class lectures and one discussion period per week in small groups.

A book fee of $5.00 per semester is made for text and source material and to aid in securing outside lecturers to deal with special subjects.

*Open to Graduate Students.

DRAMA AND PUBLIC SPEAKING

Professor Goodreds
Mr. Wilkes

Courses required for Comprehensive Examination: 21.1; 31.2; 32.; 43.1; 42.2.

This department covers the work in play production, playwriting, the study of modern drama, public speaking and debating.

The courses are adapted to develop the students to the point where they may take charge of similar courses in college or in school, or be community leaders in the Little Theatre movement.

21.1 Principles of Speech. (Voice and Diction.)

Development and use of the speaking voice with special attention to social needs of speech; techniques of speech such as breathing, phrasing, intonation, and stress. Attention given to the elimination of throat fatigue, nasality, extremes of pitch, indistinctness, monotony, mispronunciations, and vocabulary. Phonetics. Voice recordings. Individual guidance and criticism. Practice in reading prose and poetry from the printed page, and short speeches. Seniors, Juniors and Sophomores.

Laboratory fee, $1.00.

21.2 Principles of Speech. (Rhetoric and Composition.)

A study of the principles which underlie effective speech. The relation of speaker and audience considered from the psychological standpoint. Rhetorical principles for the development of an adaptable and effective oral English style. Attention to the problems of exposition, interest and persuasion, argumentation. Work is also directed toward expressive action and pleasing platform manner. While most of the speeches are of the extempore form prepared by outline before delivery, attention is given to the other forms. Maximum speaking practice with discussions and limited criticisms. (Permission.) Seniors, Juniors and Sophomores.

31.2 Modern Drama.

Continental, English and some American drama of the recent and contemporary dramatic era. The course will deal mainly with the authors from Ibsen up to the present day, but will not confine itself to the study of plays written within a certain arbitrary period. Lectures, reading of a large number of plays, discussions. Seniors, Juniors and Sophomores.

32. Play Production.

This course considers the organization of dramatics in schools, colleges, and community houses; it offers a study of the contemporary methods of Play Production; the principles and problems involved in producing plays, staging, costuming, make-up, acting, lighting, directing, scenic design, etc., through the practical medium of the presentation of several long plays and numerous one-act plays in the College Playhouse. A study of plays available for production is made along with the study of production methods, thus building up a background of information necessary for intelligent adaptation of material. Each student is expected to spend several hours a week in laboratory work. (Permission.)

Laboratory fee, $2.50 per semester.

[33.3 Appreciation of the Drama.]

Technical considerations of the major dramatic forms or types, such as tragedy and comedy; dramatic modes, classicism, Romanticism, Realism, Naturalism; elements of dramatic technique, substance and form of the play, plot, characterization. A brief survey of periods which best represent the desired dramatic elements to be considered. (Alternates with 31.2.)

43.1 Play Direction and Dramatic Interpretation.

This course offers training in the principles of play direction and the elements of acting which are included in the proper interpretation of dramatic roles, improvisation; emphasis upon different forms of dramatic reading; study of pantomime and stage business. Opportunity is given for direction in the experimental plays. (Permission.) Seniors and Juniors.

Laboratory fee, $2.50.

42.2 Advanced Studies.

Properly qualified Seniors may be permitted to undertake the study of advanced problems in the field of Drama. The course will be conducted mainly as a seminar. Students will be expected to spend considerable time in laboratory work. (Permission.)

Laboratory fee, $2.50.

DRAWING AND SURVEYING

Professor Swett

21.1 Elements of Drafting.

A course in drafting designed for two classes of students: (1) those preparing for the engineering profession; (2) those desiring a course in graphics to aid them in rendering plans and graphs in the various fields in which they may be of use.

Instrument fee, $2.50.

21.2 Mechanical Drawing.

A continuation of Drawing and Surveying 21.1 for students desiring a full year's work in drafting. (Drawing and Surveying 21.1).

Instrument fee, $2.50.

31.1 Advanced Drafting.

A continuation of Drawing and Surveying 21. For part of the semester each student will elect some branch of drafting for specialization. (Drawing and Surveying 21.)

Instrument fee, $2.50.

31.2 Surveying and Topography.

Lectures, field work, and drafting. Use of instruments; computations; plotting. (Drawing and Surveying 21.)

Instrument fee, $2.50.

32.1 Descriptive Geometry.

Problems relating to lines and planes; to single curved, double curved, and warped surfaces; intersection of solids. (Drawing and Surveying 21.)

Instrument fee, $2.50.

ECONOMICS

Professor Fife

Associate Professor Rusby

Associate Professor Prentice

Courses required for Comprehensive Examinations and Majors: 21.; 31.; 41.; 48.; 42.1 and 43.2 or their equivalent.

Recommended minor groupings, and cognate courses:

Minor History; 22 & 32. . . . . Pol. Sc. 11, 22 or 43; G. & G. 25; Soc.; Math. 22.
Minor Pol. Sc. 11, 22, 43. . . . . Hist. 22, 32; G. & G. 25; Soc.; Math. 22.
Minor Soc'y 21.1, .2, 42. . . . . Hist. 22, 32; G. & G. 25; Pol. Sc. 11; Math. 22; Psyc.
Minor Math. 11, 22, 31. . . . . Hist. 32; Pol. Sc. 43; G. & G. 25; Psyc. 21.

20. Economic Society.

A survey of economic society stressing current economic conditions and problems. The course is designed to meet the needs of students who desire to take only one course in economics. This course will not be accepted in lieu of Economics 21 as prerequisite for advanced courses in economics. Mid-year examination. Sophomores, Juniors and Seniors.
Associate Professor Rusby.

21. The Principles of Economics.

An introductory course covering the general field of economics. The basic concepts. The production and exchange of wealth. Value and price. The mechanism of exchange —money and banking, marketing, international trade, etc. The distribution of income—rent, wages, interest and profits. Labor problems. The types of economic organization of society—capitalism, socialism, communism, etc. Government finance and taxation. Mid-year examination. Sophomores, Juniors. (Seniors by permission.)
Professor Fife, Associate Professors Prentice and Rusby.

31. The Financial Organization of Society.

A survey course. The development and functioning of financial institutions. Money and credit. Corporations and their financing. Commercial, investment, and savings banks. The American banking system. The stock exchange. Financing agriculture, etc. (Economics 21.) Mid-year examination.
Professor Fife.

Economic History. (See History 32.)
Associate Professor Prentice.

33.1 Marketing and the Principles of Exchange.

A study of market structures, and the marketing process, with special reference to agricultural products, raw materials, producers' and consumers' goods. Marketing functions, and the middleman structure. Relations between consumers, middlemen and producers. Co-operative marketing. Cases and problems. A case study is required. (Economics 21.)
Associate Professor Rusby.

33.2 Transportation.

The development and significance of the modern systems of communication. The principles of land and water transportation. American experience and problems. The Interstate Commerce Commission and the railways. The Merchant Marine past and present. Government Control and Government Ownership of transportation facilities. Labor Problems and the Carriers. (Economics 21.)
Associate Professor Rusby.

34.2 Corporation Finance and Investments.

The rise of Corporate forms of organization. The promotion and financing of the corporation. Raising and managing capital. Principles of investment, and the analysis of securities. (Economics 21. and 31. Economics 31. and 34.2 may be taken contemporaneously.)
Associate Professor Prentice.

37.1 The Principles of Accounting.

Interpretative accounting. The bookkeeping process is reduced as much as possible,

and interpretation stressed. (Major work in Economics.) (Economics 21. Not counted towards a major.)
Associate Professor PRENTICE.

41. LABOR CONDITIONS AND PROBLEMS.*

The course deals first with the origin of labor problems, the rise of capitalism and the wage system, freedom of contract, etc. Second, labor conditions and the standard of living. Third, the workers' approach to their own problems—collective bargaining, the trade union, and the workers' philosophy. Fourth, the employers' approach to the labor problem—the employers' associations, labor management, and employer philosophy. Fifth, the social approach to the labor problem—the social conflict between capital and labor, labor legislation, and social goals and welfare. (Economics 21.) Mid-year examination.
Associate Professor RUSBY.

42.1 GOVERNMENT FINANCE.*

The evolution of Government Finance. Governments as collective spending agencies. The modern increase in public expenditures, and the need for budgeting. The various forms of revenue. Taxation and tax incidence. Public industries, public domain, and public monopolies. Public credit, and the public debt. (Economics 21. and 31., also open to students taking major work in Government.)
Professor FIFE.

[42.2 SOCIAL CONTROL OF ECONOMIC ACTIVITY.*]

The course is conducted on seminar basis with thesis. It aims to discuss the economic philosophy of modern times, and deals primarily with the relations between government and the economic activities of the people such as competition and monopoly, regulation and control, promotion and prohibition, capitalism versus socialism, and other suggested forms of economic organization of society. Seminar for Honor or Graduate Students.

43.2 INTERNATIONAL TRADE AND FINANCE.*

International Trade in theory and practice. Our markets and competitors. Governmental regulation of international trade. Free Trade, Tariffs, Reciprocity, Preferences, and most favored nations agreements. (Economics 42.1)
Professor FIFE.

[44.2 APPLIED ECONOMICS.*]

The course deals with major economic problems in such a fashion as to correlate economic principles with the currents of economic society. (Option for comprehensive examination.) (Permission.)

45.1 MONEY AND BANKING.*

An advanced course studying the development of money and banking in U. S. and the major foreign banking systems, the Federal Reserve System, and International Banking. (Economics 21. and 31.)
Professor FIFE.

48. ECONOMIC THOUGHT AND MODERN ECONOMIC TENDENCIES.*

A study of economic thought as it has evolved in the light of economic history, and present tendencies in economic thought and theory. (Economics 21. Seniors only. Required of all major students.) Mid-year examination.
Associate Professor PRENTICE.

*Open to Graduate Students.

[46. Honors and Special Courses.*]

Special courses for graduate and honor students and for research work may be arranged to suit the needs of students.

Note: Those interested in economics as their major study are advised to elect as many of the following courses as possible: Economic Geography, Economic History, Business Law, Mathematics of Finance and Statistics. Courses in psychology, philosophy and sociology are also recommended where possible. These are regarded as related and allied fields. Honor students must offer Economic History (History 32.) and Economic Geography (Geology and Geography 25. 1, .2.). Students preparing for business should make a special effort to secure a good grounding in English.

Honor students are required to take a written general examination covering the special field of interest, and an oral general examination covering the entire field of economics as offered in the courses. In addition a thesis is required based on independent study and research.

EDUCATION AND PSYCHOLOGY

Professor Howard
Professor Adams
Assistant Professor Andrews

Professor Sholes

Notes on courses in Education:

Majors in Education are not permitted except under conditions noted in college bulletin, "To College with a Purpose." Students planning to teach should be prepared in at least one subject in addition to their major.

Requirements for certification in the eastern states will be supplied through special bulletins prepared by the Department.

Notes on courses in Psychology:

No major in Psychology is offered but students having special interest in the subject may arrange for a correlation of courses between this Department and the Departments of Philosophy or Sociology. See courses 45.1, 45.2.

21.1 Educational Psychology (Introductory Course).

Inborn tendencies and their functions; motivation; various conscious processes and their function in mental growth; learning and habit formation; intelligence; individual differences; factors in human personality; mental hygiene.

Professor Howard and Assistant Professor Andrews.

22.2 Social Psychology.

A study of the forms of human behavior which characterize the group; their relation to social progress, nationality, community and institutional life, and individual development. (Education 21.1.)

Book and trip fee $5.

Professor Sholes.

23.2 History of Education.

The historical evolution of educational theories and practices. Great educational reformers and their influences. Following a study of the European background, emphasis will be given to the development of present American systems of education. (Education 21.1.)

Professor Adams.

24.2 Fields of Psychology.

A survey of the problems, interpretations, principles, methods, and achievements in the major fields of psychology. The contribution of psychology to human welfare will be emphasized. (Education 21.1 and permission.)

Assistant Professor Andrews.

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*Open to Graduate Students.

34.1 Philosophy of Education.

The aims and bases of current educational practices. Principles involved in the selection and organization of subject matter and in the learning process. Aims and achievements of recent re-organizations. Some inherited problems. Study of such problems as interest and motivation, individual differences, moral and civic instruction, training for appreciation.

Two courses in Education.

Assistant Professor Andrews.

34.2 Educational Psychology. (Advanced Course.)

Human motivation; individual differences and capacities; intelligence and achievement tests; types and principles of learning; mental training and transfer; critical analysis of various theories and practices in modern education in the light of psychological principles; psychology and teaching. (Education 21.1.)

Professor Howard.

41.1 Problems and Methods in Secondary Education.

Study of types of teaching, types and function of recitation, supervised study, collection and use of materials, use of teachers' devices, general and special method technique of instruction, text book criticism, presentation of lessons and use of educational literature. (Seniors only.)

Professor Adams.

42.1, .2 Practical Work in Education.

Qualified seniors are given an opportunity to do apprentice work at the local high school. This consists of observation, reading papers, supervising laboratory work, giving special assistance to pupils individually or in small groups, and at times taking charge of the class under the direction of the teacher. The details of the work will vary according to the nature of the subject but each apprentice teacher will be given much first-hand experience with problems of management and instruction. Frequent group conference with an instructor in the Department will be required. (Permission.)

Professor Howard.

45.1, .2 Advanced Studies in Psychology.

Open to graduate students and qualified seniors who wish to pursue psychological study beyond that offered in Education 21.1, 22.2, 24.2, and 34.2.

The course will be organized on the seminar plan, each student pursuing some line of investigation and presenting his material from time to time for critical discussion and review by members of the class and the instructor. (Three courses in psychology and permission.)

Professor Howard.

Courses in Special Methods.

The following departments offer courses in special methods. Descriptions of these courses are given under the announcements of the respective departments.

English	History	Mathematics
French	Latin	Physical Education
German		Spanish

ENGLISH

Professor Beers
Professor Cady
Associate Professor Owen
Assistant Professor Perkins
Mr. Brown
Mr. Footman

Dr. Adams

Required for Comprehensive Examination: 11.; and two of the following: 22.1 and 23.2 (considered as one course), 31.; 32.

Recommended: English Literature course in sophomore year; History 23; American Literature 21.

I. *Courses in Literary History:*

11. History of English Literature.

Required of all Freshmen.

A survey of the periods of English Literature studied in relation to historical background. Works of all the major and of many minor writers are read. Training in composition is given, and theme assignments are made for each month. Mid-year examination.

Professor Beers, Associate Professor Owen, Assistant Professor Perkins, Mr. Brown and Mr. Footman.

Freshmen who have had a similar course in high school may anticipate this course by passing an examination in September with a grade of 75; but this examination will not carry credit for the course, and another English course must be taken. (Any student whose composition work in this course falls below 75 is required to pass English 21. before credit for English 11. is given.)

22.1 Prose and Poetry of the Romantic Period.

The major representatives of the Romantic Movement, from Wordsworth to Tennyson, including the forerunners of the movement and its philosophy.

Professor Beers.

23.2 Prose and Poetry of the Victorian Period.

The Victorian poets and essayists. Particular attention to the poets Tennyson, Browning, Rossetti and Morris, and to the essayists Carlyle, Ruskin, Arnold.

Professor Beers.

31. Literature of the Renaissance.

A study of the literature from 1400 to 1660, the drama excluded, as a record of the main currents of thought. The early humanists, Spenser and Milton, will receive the major emphasis. (Permission.)

Professor Cady.

32. Literature of the Neo-Classical Period.

The development of literature from 1660 to 1800, with particular consideration of the Neo-classic school, the age of Johnson, and the Pre-Romantic writers. Mid-year examination. (Permission.)

Mr. Brown.

[41.1 Literature from the Anglo-Saxon Period to Chaucer.*]

The work extends from about 500 to about 1350, and includes readings in Old and

*Open to Graduate Students.

Middle English prose and poetry. The Old English will be read in translation, the Middle English in the original. (Permission.)

II. Courses in Dramatic Literature.

30. Shakespeare.

A detailed reading of typical plays with the purpose of developing an appreciation of them as drama. (Permission.)
Professor Cady.

35. Elizabethan Drama.

The main trends of dramatic development from 1580 to 1642, with attention to the growing perception of dramatic theory and technique. (Permission.)
Professor Cady.

III. Courses in Composition:

21. Elementary Composition.

Readings and weekly themes. Required of students deficient in English 11.; elective to others who are handicapped in self-expression. Mid-year examination.
Mr. Footman.

28. [Writing from Models.]

Composition for students who desire to discover their own abilities or need to gain greater fluency and effectiveness. Practice in the shorter literary types and readings in modern authors. Mid-year examination.

38. Literary Composition.

Practice in the shorter literary types such as the essay, story and poem. Weekly conferences. Mid-year examination. (English 11 and one other course in English and American Literature.)
Mr. Brown.

IV. Courses in Literary Types and Individual Writers:

24. The English Novel.

The development of English fiction from the beginnings through Conrad. Readings in representative novels, and the study of personalities, influences, movements, story types and critical standards. (Permission.)
Assistant Professor Perkins.

34. Comparative Fiction.

Reading and analysis of recognized masterpieces of Continental fiction, with study of the history and background of the novel in Russia, France, Germany, Spain, Italy, Poland, Norway, Sweden and Austria. Emphasis upon class reports and student discussion. (Two years of English and permission.)
Assistant Professor Perkins.

36.1 The Poetry of Robert Browning.

An intensive study of the poetry of Browning with special reference to the philosophic, musical and artistic interests. (Permission.)
Associate Professor Owen.

37. The English Bible.

The growth and literature of the Bible, and the development of religion through the Scriptures. The purpose of the course is to give the general knowledge of the Bible which a cultured person should have. (Juniors and Seniors.)
Dr. Adams.

41.2 Chaucer.*
Selected works of Chaucer will be read. The influence of Chaucer on the development of English literature, attitudes of scholars and critics toward Chaucer. Reports and informal discussions. (Permission.)
Professor Beers.

42.1 Studies in Elizabethan Literature. (Milton.)*
A study of his poetry to determine the quality of his mind and his outlook upon life. (English 31. and permission.)
Professor Cady.

43.2 Literary Criticism.*
An introduction to the history and methods of criticism, with emphasis upon criticism of contemporary literature. (Permission.)
Associate Professor Owen.

[44. Research and Special Work.*]
Students qualified to do special work will be given opportunity to do so under the direction of a department member.

45.1 Contemporary English Poetry.
Readings and informal discussions of Modern English Poetry. (Permission.)
Professor Beers.

46.2 Methods of Teaching English.*
A detailed study of those English writers and works studied in high school, with instruction in methods of the presentation of material. (Three year courses in English or American Literature.)
Professor Cady.

FINE ARTS

Associate Professor Owen
Professor Burrage
Professor Dame
Mr. Bedford

31.1 Modern Art.
A study of the various schools of modern painting (cubism, impressionism, etc.) designed to make clear the principles of appreciation of modern painting and to indicate their relationship to the traditional painting of the Italian Renaissance.
Associate Professor Owen.

32.1 Greek Art.
Instruction is given by lectures and stereopticon talks, supplemented by extensive reading on the student's part. The art and civilization of Assyria, Egypt and other nations whose work had a formative influence on the Greeks are treated by way of introduction to Greek art proper.
Professor Burrage.

32.2 Roman Art.
The development of Roman architecture, sculpture, and other arts, from the days of Etruscan influence to the beginning of Christian Art, with particular reference to the archaeological discoveries in various parts of the Roman Empire.
Professor Dame.

*Open to Graduate Students.

33. Principles of Architectural Development.

This course will trace the development of architectural construction and ornament from the Early Christian period through the Gothic during the first semester. The second half will deal with architecture and sculpture during the Renaissance as it first appeared in Italy and was diffused throughout the western world. The course is designed to give a background for present day architectural elements.
Mr. Bedford.

FRENCH

Professor Freeman
Associate Professor Ranty
Assistant Professor Binand
Assistant Professor Bourcier
Mlle Cavagnet

Courses required for Comprehensive Examination: 12.; 21.; 31.; 32.; or their equivalent.
Courses recommended: 41.2; 42.; 44.; for prospective teachers, 41.1, .2; boarding at Le Château.

11. Elementary French. Review Course.

Especially designed for Freshmen whose preparation is insufficient to enable them to profit by the work offered in the usual freshman course French 12. Students who have had only one year of French, or who have not studied the language recently, or who have had no practice in hearing French spoken, should elect this course. Beginners will be accepted only on special permission. A thorough review of the elements of French grammar, with considerable reading, and much emphasis on the spoken language.
Associate Professor Ranty.

12. Intermediate French.

The usual freshman course for students with two or three years of average grammatical preparation, and some practice in hearing and speaking the language. A systematic review of the essentials of French syntax, composition, oral work, dictation, and extensive reading from standard authors. Designed to lay a solid foundation for more advanced work in the department.
Associate Professor Ranty, Assistant Professor Binand and Mlle Cavagnet.

21. Composition and Reading.

Composition of moderate difficulty based on a French text, a review of grammar, free composition, dictation and conversation. Reading of modern prose, short novels, plays, with discussion in French of the works read. Designed to give the student a command of the written and spoken language, and to enable him to read easily and assimilate a literary text. (Prerequisite, French 12. Freshmen with exceptional preparation will be admitted on special permission.)
Associate Professor Ranty, Assistant Professors Binand, Bourcier and Mlle Cavagnet.

31. Survey of French Literature.

A rapid but intensive study of works of the best authors, from the Middle Ages to the end of the nineteenth century, including representative plays, poetry and novels. Written reports. Class discussion of literary values, and an outline of literary history. (French 21.)
Professor Freeman and Assistant Professor Bourcier.

32. Advanced Grammar and Advanced Composition.*

A systematic and thorough review of French grammar, with special stress upon the difficult points of syntax; vocabulary building; French idioms; composition based on

*Open to Graduate Students.

idiomatic texts; the elements of French style, and translation into French of English stylists. Designed to give the final preparation in written French to students who intend to teach. (French 21.)
Professor Freeman and Assistant Professor Binand.

41.1 Phonetics and Diction.*
An analytic and comparative study of French sounds. A description of the organs of speech. Practice with phonetic symbols. Special attention given to the difficulties experienced by American students in perceiving, producing, and combining French sound groups. Systematic exercises in pronunciation and intonation. The use of phonetics in teaching French in high schools. (French 21.)
Associate Professor Ranty.

41.2 Methods of Teaching French.*
A study of the modern methods of teaching French; extensive reading in the recent treatises on modern language pedagogy. The oral method and its applications; the selection of textbooks; the use of realia in the classroom; practical demonstrations of class work, and practice teaching. (French 21.)
Professor Freeman.

42. Conversation and Vocabulary.*
Designed to develop fluency in speaking French, and a command of idiomatic expression. Organized vocabulary development and oral composition on the basis of French life and customs. (French 21. and permission.) May be taken either half year for credit.
Assistant Professor Binand.

43. French Literature of the Nineteenth Century.*
A detailed study of the great literary movements of the last century; romanticism, realism, and symbolism. Careful analysis of texts and literary theories in class discussions; extensive outside reading of novels, plays and poetry; written and oral reports. A survey of literary history continued down to the present, with an attempt to indicate the chief tendencies of contemporary literature. (French 31.)
Assistant Professor Bourcier.

44. French Civilization.*
An analysis of the development of the French nation. The geography of France; an outline of its political history; the growth of its arts, sciences and institutions; the meaning of French culture, and of French political, educational and religious life; and an interpretation of modern France in the light of its history and growth. Designed to help students to understand the country and its people, either for teaching or for travel.
This course is required of Seniors majoring in French; during the second semester the regular work of the course will be supplemented by tutorial conferences on topics of individual reading and research, especially designed for Honors candidates; and by weekly meetings with Professor Freeman for discussion and review in preparation for the comprehensive examination.
Assistant Professor Bourcier.

45. Special. (Individual research in a restricted field.)*
Candidates for the Master's Degree and Seniors, if properly qualified, may be permitted by the Chairman of the Department to undertake a special problem in reading and research under the direction of some member of the department. A thesis, or an

*Open to Graduate Students.

examination, or both, will be required at the end of the course. Properly qualified graduate students may undertake two such separate problems.

a. Literature from the Middle Ages to the contemporary period.
Professor Freeman, Assistant Professor Bourcier.

b. Civilization, Geography, and History.
Assistant Professor Bourcier.

c. Grammar and Teaching Methods.
Professor Freeman.

d. Phonetics.
Associate Professor Ranty.

Note 1: All courses in the French Department are conducted in French, at the Château. Students intending to teach French after graduation should attend at least courses 31.; 32.; 41.1 and 41.2.

Note 2: No thesis is required for the Master's Degree except such dissertations as are required in the separate courses pursued.

GEOLOGY AND GEOGRAPHY

Professor Swett
Associate Professor Schmidt

I. Geology

Courses required for Comprehensive Examination: 21.1, .2; 31.1, .2; 32.2; 25.2; 41.; Drawing and Surveying 21.1 and 31.2.

21.1 Physical and Structural Geology.

The physical features of the earth; the agencies responsible for our topography; the structure of the earth's crust; and the more important rocks and minerals. Field trips.
Fee, $4. (covers field trips).
Associate Professor Schmidt.

21.2 Historical Geology.

The probable origin of the earth; the rise and evolution of organic forms as disclosed by fossil remains and the causes responsible for this progressive development; the past history of oceans, climates, and continents. Field trips. (Geology 21.1.)
Fee, $2. (covers field trips).
Associate Professor Schmidt.

31.1 Mineralogy.

The identification of the important minerals by blowpipe, flame, assay, bead and sensitive chemical tests. The crystal structure of the minerals will also be considered. Field trips. (Geology 21.1 or Chemistry 11., or permission.)
Laboratory fee, $5.
Associate Professor Schmidt.

[31.2 Economic Geology.]

The metallic and non-metallic mineral products of the United States and their world-wide distribution (coal, petroleum, salts, fertilizers, iron, copper, gold, silver, etc.); their origin, processes by which formed or later changed, their geologic structure, their abundance and economic importance. Field trips and reports. (Geology 21.2 and 31.1.) (Alternates with Geology 32.2.)

32.2 Geology of North America.

A detailed survey of the geologic history, the rock structures, and the mineral deposits of the different physiographic provinces of North America. Classroom discussion,

outside reading in Geologic Literature, and reports. (Geology 21.2 or permission.)
Associate Professor Schmidt.

41. Special.

Individual research in a restricted field. Limited to students majoring in Geology and Geography.
Associate Professor Schmidt.

II. Geography.

Courses required for Comprehensive Examination: Geology and Geography 25.1, .2; 37.1, .2; 21.1, .2; 45.
Courses recommended: Drawing and Surveying 21.1, and at least one year each of economics and history.

25.1 Geographic Basis of Society.

Physical facts of the geographic environment will be presented, followed by a study of man's adjustments—social, political, and economic—to his environment. The course emphasizes the basic principles of geography in its human aspects.
Professor Swett.

25.2 Economic Geography.

A study of the present agricultural, industrial, and commercial development of the world and of the environmental features that have contributed to that development. The course is planned for students as part of a liberal education as well as for those who expect to enter business. (Geography 25.1.)
Professor Swett.

37.1 Geography of the Eastern Hemisphere.

The course is primarily an analysis of the natural environment—climate, land forms, mineral resources, etc.—in its bearing upon the economic, social, and political life of the countries of the hemisphere. Especially planned for students of geography, history, and economics. (Geography 25.1.)
Professor Swett.

37.2 Geography of the Western Hemisphere.

A course similar in its objectives and presentation to Geography 37.1, but for the Western instead of the Eastern Hemisphere. (Geography 25.1.)
Professor Swett.

45. Special.

A course arranged to suit the needs of students taking comprehensive or honors work.
Professor Swett.

GERMAN

Professor Skillings
Associate Professor Neuse

Courses required for Comprehensive Examination: 31. or 32.; 41.; 42.; 43.; 44.; or their equivalent.
Course recommended: History 12.

11. Beginners' German.

Elements of phonetics, drill in pronunciation and comprehending the spoken language; elements of grammar; reading of simple prose.
Professor Skillings and Associate Professor Neuse.

21. Intermediate German.

Grammar review; reading, composition, conversation and free reproduction. (German 11. or two years of preparatory school German.)
Professor Skillings.

22. Scientific German.

A course for those who wish to acquire the ability to consult German works in the natural sciences, history, economics, etc. In the second semester members of the course select the subject (*e.g.* Biology, Chemistry, Economics, History, Mathematics, etc.) in which they wish to do the most of their reading. Mid-year examination. (German 11. or equivalent.)
Associate Professor Neuse.

[31. Contemporary German.]

A course which aims to develop facility in reading and writing German in order to prepare the students for the more advanced courses. The basis of study is contemporary German fiction, drama, lyric poetry, and non-fiction prose. (German 21., or equivalent.)

32. Writing and Speaking German.

A course designed to give abundant practice in the oral and practical elements of the language and in written composition. (German 21. or equivalent.)
Associate Professor Neuse.

41. Goethe and Schiller.*

A study of the masterpieces of Goethe and Schiller, and the development of German Literature in the great classic period. (German 31.) Given in alternate years with German 42.
Professor Skillings.

[42. German Literature of the Nineteenth Century.*]

Representative dramas, short stories, novels and poetry are read and discussed. The development of German literature through the nineteenth century to the present time is also studied. (German 31. or 32.) Given in alternate years with German 41.

[43. Survey of German Literature as far as Lessing.*]

The course is designed to give a comprehensive knowledge of the great men and the leading ideas in German literature from the beginning through Lessing. The course is given in alternate years. (German 31. or 32.)

44. Contemporary German Civilization.*

The first semester will be devoted to a study of the German people, its geographical, historical, economic, and political background, German art and folklore. In the second semester principally contemporary works of German literature will be studied with a view to an interpretation of the character of the German people. Mid-year examination. (German 31.) Given in alternate years.
Associate Professor Neuse.

45.2 The Teaching of German.*

A study of German pronunciation, grammar, reading and composition from the standpoint of the prospective teacher. Training in the direct method. Discussion of such topics as the aims and methods of modern language study, textbooks and Realien. (German 31. or permission.)
Professor Skillings.

*Open to Graduate Students.

46.1 Survey of German Literature in English.

A study of the leading ideas in German Literature from the Middle Ages to the present, and the relationship between English and German literature. Selected works of outstanding German writers will be read in translation. (Permission.)
Professor Skillings.

GREEK

Professor Burrage

Courses required for Comprehensive Examination: 11.; 21.1, .2; 31.1, .2; 42.1, .2; or 41.1, .2.

11. Beginners' Greek

21.1 Colson's Greek Reader and the Gospel of Mark.
(Greek 11. or its equivalent.)

21.2 Homer's Odyssey.
(Greek 21.1.)

31.1 Euripides' "Iphigenia Among the Taurians"; Lyric Poets.
Lectures are given on the origin, history, and purpose of the drama. (Greek 21.1, .2.)

31.2 Plato's Apology.
(Greek 31.1.)

41.1 Sophocles and Aeschylus.
The *Electra* of Sophocles; the *Prometheus* of Aeschylus. (Greek 31.2.)

41.2 Aristophanes.
The *Clouds* and *Birds*. (Greek 41.1.)

[42.1 Plato's Republic.]
(Greek 31.2.)

[42.2 Aristotle's Ethics.]
Courses 42.1, .2 alternate with 41.1, .2. They afford students of philosophy and ethics a chance to read in the original tongue the two masterpieces of the two greatest minds of antiquity. The charm of the *Republic* as literature will receive special emphasis. (Greek 42.1.)

25.2 Greek Drama in Translation.
Reading and interpretation of the masterpieces of Greek Tragedy and Comedy as the forerunners of European drama.
Professor Burrage.

HISTORY

Professor Cline
Associate Professor Davison*
Associate Professor Davis

Associate Professor Prentice

Courses required for Comprehensive Examination: 12.1, .2; 22.; 34.; 35.1; 33.2; 23. or 46.; (students majoring primarily in European history should take 23., those majoring in American history 46.).

Courses recommended: One year each of economics, political science, and geography and, for those majoring in American history, one year of American literature.

*On leave first semester.

12.1, .2 Political and Social History of Western Europe.

European institutions and civilization from the fall of Rome to the 19th Century.
Assistant Professor Davis and Associate Professor Davison.

22. American History.

A general course covering the period from the adoption of the Constitution to the present time.
Professor Cline.

[23. Modern English History.]

The history of England and the development of the British Empire from the Tudor times to Commonwealth of Nations of recent years.

32. Social and Economic History of the United States.

A survey of the economic development of western Europe from the decline of manorial economy to the expansion of Europe to America, followed by a brief study of the economic advance of the English colonies during the colonial period, and a more extensive study of various phases of the social and industrial life of the American peoples during the national period to the present time. (History 12. or permission.)
Associate Professor Prentice.

[33.2 Ancient History.]

Development of ancient civilization, with special emphasis on Greece and Rome. Much attention is paid to the use of sources, as being of extreme importance in supplying the proper viewpoint and stimulus especially to those who are to teach ancient history in high school.

34. Modern Europe, 1648-1930.

A study of the development of the European nations from the Peace of Westphalia to the present, placing special emphasis upon the establishment of the pre-Revolutionary European state systems, the French Revolution and Napoleonic era, the growth of democracy and nationalism, and the expansion of European political influence in Africa and Asia. (History 12.1, .2.)
Assistant Professor Davis and Associate Professor Davison.

[35.2 American Colonial History.]

A course covering the period from the beginning of the English colonization to the close of the Revolution.

41. Contemporary World Politics.*

A survey of the field of international relations with special reference to the problems arising out of the World War.
Professor Cline.

43.2 The Teaching of History.*

A course for students who intend to teach history in high school.
Associate Professor Davison.

[44.2 Latin American History.]

A discussion course dealing with Latin American History, institutions and civilization during the colonial, revolutionary and independent periods. Intended primarily for Seniors.

*Open to Graduate Students.

[45.1 The Development of Western Civilization.*]

A general survey of the development of modern civilization from early times to the present. (This course is designed with special reference to the needs of students who are able to take only one year of work in the department.)

46. Advanced Studies in History.*

An intensive study of some limited phase of history for the purpose of affording training in methods of historical research, critical evaluation of sources, and scholarly presentation of the results of historical investigation. The subject for study in 1937-38 will be the Development of American Thought and Culture. (Permission.)
Professor Cline.

ITALIAN

Professor White

21. Beginners' Italian.

Attention given to correct pronunciation; much oral practice; reading of simple selections; careful preparation in grammar and vocabulary for the more advanced literary and spoken Italian. Italian will be the principal language used in the classroom.

31. Second Year Italian.

More detailed study of grammar and vocabulary. Reading of the literature, with class discussion and oral practice to give training in fluency. Foundation laid for further study of Italian literature and culture. (Italian 21. or equivalent.)

LATIN

Professor White
Professor Burrage
Professor Dame

Courses required for Comprehensive Examination: 11.; 21.1, .2; 31. or 32.; 33.; 41.1; History 33.2.

11. Livy, Cicero and Latin Poetry.

The Second Carthaginian War. Translation, prose exercises, study of vocabulary and syntax. Selections from the *Letters* or *De Amicitia* of Cicero. The story of the struggle between Republic and Empire, with the fortunes of Caesar and Cicero, as written in the *Letters*. Selections from some of the most representative Latin poetry of all periods, intended to give the student a view of the wide range of Latin literature.
Professor Dame.

21.1 Pliny the Younger.

Selections from the *Letters* are made, presenting a large number of references to life and customs, and intended to bring the student into close touch with the daily life of the Romans. (Latin 11.)
Professor White.

21.2 Horace.

Selected *Odes* and *Epodes*. Comparison of the odes with the lyrics in Latin, English and other languages. (Latin 21.1.)
Professor Burrage.

31.1 Roman Comedy.

The translation of the *Captivi* and *Trinummus* of Plautus, with rapid reading from the *Andria* of Terence. (Latin 21.1 or 21.2.)
Professor Burrage.

*Open to Graduate Students.

31.2 Tacitus.

The *Germania* and *Agricola*. Comparison of Tacitus with other writers of his time. A study of the Roman colonial system. The history of the later Empire; the influence of Rome on the northern tribes. Library reading. (Latin 21.1 or 21.2.)
Professor White.

[32.1 Roman Satire.]

Selections from the *Satires* of Horace, Juvenal, and Persius and the *Epigrams* of Martial. A study of Roman society under the early Empire. (Latin 21.1 or 21.2.) (This course alternates with Latin 31.1.)

[32.2 Latin Literature and Selections.]

A study of the development of Latin literature with representative selections in prose and verse for advanced students. (Latin 21.1 or 21.2.) (This course alternates with Latin 31.2.)

33. Roman Civilization.

A study of the various phases of Roman Civilization such as government, religion, social life, mythology, etc. Considerable attention to the many influences of Rome upon subsequent history and civilization. A knowledge of the Latin Language not required.
Professor White and Professor Dame.

41.1 Advanced Latin Prose for Teachers.*

Latin writing, based chiefly on Caesar's *Gallic War*. A systematic study of Latin syntax, vocabulary and idioms.
Professor Dame.

41.2 The Teaching of Preparatory Latin.*

A study of methods and authors used, and teaching problems; the necessity of making Latin a live language; quality *versus* quantity; literary appreciation.
Professor White.

MATHEMATICS

Professor Perkins
Assistant Professor Bowker
Mr. Gillette

Courses required for Comprehensive Examination: 11.; 21.; 31.; 41.; and one other course in the department; Physics 21.1, .2.

Courses recommended: Other courses to be selected with the advice of the department.

11. Elementary Mathematical Analysis.

Designed to give a comprehensive survey of the most useful parts of elementary mathematical theory carefully correlated and given unity around the central idea of the universality of the cause and effect relation. Practice is given in such parts of the elements of trigonometry, analytic geometry, and the calculus as are essential for the solution of simple problems and the reading of any texts dealing with elementary physics, chemistry, economics or any of the other sciences.
Mr. Gillette.

21. Mathematical Analysis.

The logical continuation of Mathematics 11. offering some opportunity for review of the theory covered in the freshman year. (Mathematics 11.)
Assistant Professor Bowker.

*Open to Graduate Students.

22. Mathematics of Finance.

For those whose chief interest lies in other fields than mathematics, this, as a sophomore course, offers a good training in finance. Such topics as the mathematics of investment, of amortization of debts, of depreciation, of annuities, and of insurance are treated. Other students are advised to defer this course until a later year. (Permission.)

Fee, $2.50 per semester.

Professor Perkins.

31. Applied Mathematical Analysis.

A continuation of Mathematics 21. It should be elected by students whose chief interest is in mathematics and by those who plan to continue along the main line of development of the subject. (Mathematics 21.)

Assistant Professor Bowker.

41. Differential Equations.*

A continuation of Mathematics 31., but the content will be varied somewhat from year to year to meet the needs of those electing the course . (Mathematics 31.)

Professor Perkins.

42. Teaching of Preparatory Mathematics.

Essentially a senior course for prospective teachers of high school mathematics. Consideration of the place and the use of arithemetic, algebra, geometry and trigonometry and the standards to be set in the teaching of these subjects; the collection and arrangement of historical and biographical material to form a background that shall awaken interest in the subject-matter; practice in the selection of texts and the laying out of courses; a study of fundamental principles and discussions of methods of presentation and explanation. (Mathematics 11. and 21. or 22.)

Assistant Professor Bowker.

45. Statistical Methods.*

This course aims to present the fundamentals of statistical analysis with emphasis on the application of mathematical concepts to the methods used by statisticians in the study and interpretation of data. (Mathematics 11. and 21. or 22.)

Fee, $2.50 per semester.

Assistant Professor Bowker.

46. Survey of Mathematics.*

A coordinating course for those majoring in mathematics designed to round out and bring into ordered unity the mathematics studied at Middlebury.

Professor Perkins.

47. Analytical Mechanics.*

A discussion of the statics and dynamics of a particle and of a rigid body. Composition and resolution of forces, vectors, center of gravity, work, energy, impulse, moment of inertia, static and kinetic friction. (Physics 21., Mathematics 21.)

Professor Perkins.

*Open to Graduate Students.

MUSIC

Professor Hathaway
Assistant Professor Fish
Mr. Frantz
Mr. Bedford

Courses required for Comprehensive Examination: 11.2; 21.1, .2; 31.; 42., and at least three years in advanced practical courses.

The aim of this department is to cultivate a knowledge of music by offering courses planned along lines of general academic training and to develop students who shall learn to understand and appreciate music in the same degree that they understand and appreciate other arts.

Emphasis is also laid upon the technical side and courses are offered in pianoforte, organ, singing, and violin.

While it is not planned to develop professional musicians, students who give evidence of special talent may continue their work with thoroughness during their college course.

Students choosing music as a major are advised to elect a music course in the freshman year.

11.1, .2 Elementary Harmony and Ear Training.

Elementary work in musical notation. General musical definitions. Metre and rhythm. Keys and scales. Major and minor signatures. Sight singing and dictation. Rhythmic patterns. Melody writing and melody construction.
The first steps in the study of musical composition and of the analysis of musical works. The course embraces triads and their progressions, and modulation, also the invention and harmonization of melodies and choral writing in four parts. Keyboard work. (Prerequisite, sufficient piano technic to play simple hymns.)
Mr. Frantz.

21.1, .2 Advanced Harmony.

A continuation of Music 11.1, .2. The course includes a study of the chief chromatic chords and their use in modern composition. Suspensions, ornamentation, auxiliary and changing notes, melodic figuration and pedal point. (Music 11.1, .2.)
Assistant Professor Fish.

22. Pianoforte Music, Its Composers, Characteristics and Interpretation.

A course designed for students interested in the study of the pianoforte playing. Its aim is to furnish as a background knowledge of the development of music written for the piano and how it has arrived at its present stage. The piano styles of the different composers are studied, being determined, as they are, by the time in which they lived and the status of the instruments of the time. Characteristics which differentiate the music of one composer from that of another are emphasized. Two hours lecture and recitation; one hour practical work at the piano.
Professor Hathaway.

31. Counterpoint.

Counterpoint in two, three and four parts in the various species. Introduction to double counterpoint, canon, and fugue. (Music 21.1 and 21.2.)
Assistant Professor Fish.

32. Introduction to Music.

A survey course designed to develop, without going too deeply into technicalities, the ability to listen to good music. It aims to present in untechnical language an account

of the evolution of musical forms. Selections are played and illustrated at the piano and by phonograph records. No knowledge of music is necessary for entrance to this course.

The following subjects are included in the course: Polyphonic forms, Absolute and Descriptive Music, Folk Songs and Art Songs. The Orchestra, Popular Music. The music of the different nations. Romanticism in Music. The Modern School. Mid-year examination.
Professor Hathaway.

[33. Public School Music.]
The course consists in the preparation for the teaching and supervision of music in the public schools. The work of each grade is outlined and problems discussed. Testing and classifying of voices, and organization and management of choruses, glee clubs and orchestras in high schools are taken up as well as some practice in conducting in the local schools.

42. Musical History and Advanced Appreciation.*
A general course in the evolution of musical development from earliest times up to the present. Designed for students whose previous work enables them to undertake a more detailed consideration of the music studied. Lectures, required reading and discussion. Mid-year examination.
Professor Hathaway.

43. The Elements of Composition.
A course in musical composition open to students who are interested in and possess the technical knowledge and ability represented by previous courses in the department.

It includes the study of form in music and its construction from the musical motive, phrase and period to the dance and song forms, also detailed analysis of the chord structures of classic and modern works. Original work required. (Music 31.)
Mr. Frantz.

44. Special.*
Intensive study of the work of one period or one composer, the subject to be determined by the instructor. Students electing this course should have a working knowledge of harmony and sufficient technique to play the works studied. (Music 32. and 42.)
Professor Hathaway.

Practical Courses.

M-1. Individual Instruction in the Study of the Pianoforte.
Professor Hathaway.

M-2. Private Instruction in Organ Playing.
Assistant Professor Fish and Mr. Frantz.

M-3. Private Lessons in Voice Placing, Interpretation and Repertoire.
Assistant Professor Fish and Mr. Bedford.

M-4. Instruction in Violin.
Mrs. Frantz.

Equipment: The department collection of phonograph records and scores was augmented in 1937 by a gift from the Carnegie Corporation of about one thousand records, a new electric phonograph, one hundred and fifty scores to accompany all completely

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recorded works, a library of one hundred volumes, and a cross card file of the records. The collection kept in the Music Studios is available for both class work and student audition at hours set by the head of the department.

Credits: Each practical course, if preceded or accompanied by a theoretical course, will receive one point credit each semester if the student's music grades in the preceding year averaged 75 per cent or over. No credit will be given for elementary work in any of the practical courses. It is necessary to have as many theoretical as practical courses if credit for the latter is given.

Honors in Music: Honors in Music are given when, in addition to the requirements in theoretical courses, a student has given a public recital of classical and modern works.

The Orchestra: The College Symphony Orchestra is made up of students selected through tryouts at the beginning each year. The Orchestra holds regular full and sectional rehearsals, and gives a number of public concerts during the year. At these concerts representative examples of symphonic literature are performed, including symphonies, overtures, suites, and accompaniments to concertos and choral works.
Mr. Frantz.

The College Choir: The College Choir holds two rehearsals weekly and sings at the chapel service each day and at the Sunday vesper service. Opportunity is given to study the works of the best composers of sacred music.
Assistant Professor Fish.

The Freshman Choir: Holds weekly rehearsals, singing occasionally at chapel services and at special services augmenting the senior choir.
Mr. Bedford.

Tryouts are held early in the first semester.

Glee Club: Drill in ensemble singing, study of the works of excellent composers as well as more popular songs for Glee Club programs. Weekly rehearsals.
Mr. Bedford.

The Band: Students who play wind and percussion instruments find a welcome in the College Band.
During the past season the Band has numbered about forty members. The College owns a number of the instruments used by the Band but prospective students having their own instruments are urged to bring them.
Mr. Frantz.

Choral Club: Open to all students. Preparation for presentation, of the standard oratorios, in conjunction with senior and freshman choirs.
Mr. Bedford.

Charges for Practical Courses in Music.

(Payable in advance. No rebate will be allowed for lessons missed except in cases of continued illness.)

Organ and Piano instruction—per semester	
1 lesson weekly	$32.00
2 lessons weekly	64.00
Use of piano—1 hour daily —per semester	8.00
Use of organ—1 hour daily—per semester	12.00
Use of room for violin and vocal practice—1 hour daily—per semester	4.00
Violin instruction—per semester	
1 lesson weekly	32.00
2 lessons weekly	64.00

Vocal instruction—per semester

1 lesson weekly	$32.00
2 lessons weekly	64.00

Students will be accepted at any time; tuition from the beginning of the semester to the time of registration being deducted.

PHILOSOPHY

Professor Harrington
Assistant Professor Andrews

21.1 Introduction to Philosophy.
A natural approach to the problems of Philosophy through a discussion of the common facts of human experience and man's efforts to understand; then a general course dealing with these problems one after another.

22.2 Introductory Logic.
A study of the principles of sound reasoning, with concrete illustrations at every point and practice in the classroom. (Philosophy 21.1 or Education 21.1.)

32. Studies in Ethics.
A general survey of the moral life of the race; then an inquiry as to the basis of ethical values and especially their relation to self-realization; and then the principles and ideals of social ethics. (Philosophy 21.1 or permission.)

41. History of Philosophy.*
A survey of the work of the great thinkers and a tracing of the main currents of philosophical thought from the beginning; then an inquiry into recent and contemporary Philosophy. (Philosophy 32 or permission.)

42. Constructive Philosophy.*
An effort to outline a world-view in harmony with the most recent science. The inquiry deals not only with the physical universe but also with society and with the distinctively human values. (Permission.)

Note: Special permission may be given, in individual cases, to students to take advanced courses in Philosophy, even if they have not had the prerequisites specified above, provided they have taken in other departments courses of equal grade and of such nature as to have furnished the necessary preparation.

PHYSICAL EDUCATION

Professor Brown
Professor Beck
Mr. Kelly
Mr. Nash

Courses required for Comprehensive Examination: 21.1; 31.1, .2; 21.2 or 22.2; 41.1, .2; Biology 11; 31; Education and Psychology 21.1; 22.2; 34.1.

11. Physical Training.
A foundation course which includes individual gymnastics, athletics, and games, with special emphasis on carry over sports. Three semester hours for the year. Required of all Freshmen.
Professor Brown, Professor Beck, Mr. Kelly, Mr. Nash.

*Open to Graduate Students.

21.1 Methods of Teaching.

Theory and practice. A study of gymnastic systems and methods of teaching tactics, calisthenics and apparatus exercises. Practice teaching.
Professor Brown and Mr. Kelly.

[21.2 Organization of Play.]

History, nature and function, and methods of teaching play, group games, individual and mass athletics and combative contests. Practice teaching.To be offered in 1938 and alternate years.

22.2 Minor Sports.

Theory and Practice Rules, fundamentals and methods of teaching. Hockey, touch football, volleyball, handball, badminton, playgroundball, speedball, tennis and golf. Practice teaching.
Professor Brown and Mr. Kelly.

31.1 Athletic Coaching.

Football and basketball theory. Fundamentals of play; styles of offense and defense with discussions of their strength and weakness; generalship and strategy. (Permission.)
Professor Beck.

31.2 Athletic Coaching.

Theory of baseball and track and field athletics. Fundamentals and team play in baseball; discussions of correct form in track and field events; methods of training and conditioning; treatment of athletic injuries. (Permission.)
Professor Beck.

41.1 Administration of Physical Education.

Organization and supervision of school and college physical education programs. Administration of inter-school, intercollegiate and intra-mural athletics. (9 credit hours in physical education.)
Professor Brown.

41.2 Administration of Public Recreation.

A study of the problems which confront the superintendent or director of recreation in cities and rural communities. Layout and equipment, organization and development of activities, publicity. (9 credit hours in physical education.)
Professor Brown.

PHYSICS

Associate Professor Wissler

Courses required for Comprehensive Examination: 21.1,.2; 31.1; 32.2; 33.1,.2; 34.1; Astronomy 21.1.
Students majoring in Physics must have Chemistry 11. and Mathematics 21.

21.1, .2 General Physics.

An introduction to the fundamental principles of general physics. The first semester's work is prerequisite to the second. (Three years preparatory school mathematics—or Mathematics 11.)

[31.1 Light.*]

An advanced course for students who wish more knowledge of the subject than can be obtained from general physics. The laws of reflection and of refraction, with their

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application to optical instruments; the wave theory of light; the spectrum and sit teachings; the phenomena of radiation, absorption, dispersion, interference, and diffraction are some of the topics considered. (Physics 21., Mathematics 11.)

32.2 Electricity and Magnetism.

An advanced course covering more thoroughly many of the topics studied in the corresponding work in general physics, together with some additional topics, such as the discharge of electricity through gases, electrons, radio-activity, and wireless telegraphy. (Physics 21.)

33.1 Physical Measurements.

Elementary theory and practice of physical manipulation. Laboratory work in the measurements of length, mass, time, velocity, linear and angular acceleration; the verification of the laws of equilibrium of forces; the determination of coefficients of elasticity; the density of solids, liquids, and gasses; experiments in sound. (Physics 21., Mathematics 11.)

Laboratory fee, $5.

33.2 Physical Measurements.

Measurements of thermal expansion, specific heat, latent heats of fusion and of evaporation. In electricity, fields of force, electric resistance, electro-motive forces, and strengths of current are measured. The laws of reflection and refraction of light waves and the formation of images by mirrors and lenses are studied, and indices of refraction and lengths of light waves are measured. (Physics 33.1.)

Laboratory fee, $5.

34.1 Modern Physics.*

A survey of the recent discoveries in physics and the theories based upon them. The electron, thermionics, photoelectric effect, X-rays, theory of spectra, atomic structure, radioactivity, geophysics, astrophysics, recent ideas in physics are among the topics considered. (Physics 21., Mathematics 21., and permission.)

[41.1 Advanced Physical Measurements.*]

Special projects to suit the individual student who will gather the required information from the reference library and arrange the necessary apparatus. (Physics 33.2.)

Laboratory fee, $5.

POLITICAL SCIENCE

Professor Cornwall

Mr. Bogart

Courses required for Comprehensive Examination: 11. and three of the following: 21.; 22.; 41.; and 43. Also Economics 20, or 21. and History 32. or 22.

We recommend that the History course be taken sophomore year and Political Science 41., senior year.

11. The Government of the United States.

A general introductory course which deals with our national or federal government and our state governments, their basic theories, formation, structure, powers, and operation, and also with the origin, growth, organization, functions, principles, and programs. (No prerequisites.) Seniors and Juniors by permission. Primarily for Sophomores and Freshmen.

Mr. Bogart.

*Open to Graduate Students.

21. County and Municipal Government and Administration in United States.

The purpose of this course is to acquaint the student with the problems of county and municipal government and administration in the United States and with the problems of certain other local governmental units. (Political Science 11. or permission.) Seniors, Juniors and Sophomores.
Mr. Bogart.

22. Comparative Government.

A description and analysis of the government of England and Canada followed by similar treatment of the governments of several European states, giving careful consideration to the theory and practice of parliamentary government as compared with our own system. Special attention being given to contemporary movements and developments. (Political Science 11.) Seniors, Juniors and Sophomores.
Mr. Bogart.

31. Business Law.

A practical course in everyday and legal business relationships. (No prerequisites.) Seniors and Juniors by permission.
Professor Cornwall.

41. The United States Constitution and Constitutional Law.*

A detailed study will be made in this course of the United States Constitution and its growth and development, with special attention to its interpretation by the Supreme Court. The study will be made chiefly by the case method. (Political Science 11.) Seniors and Juniors by permission.
Professor Cornwall.

[42. International Government.*]

43. Political and Legislative Problems of the United States.*

A study of political forces and movements in the United States and an analysis of legislation and a study of the actual making of laws. (Political Science 11.) Seniors and Juniors.
Professor Cornwall.

44. European and American Political Theories.*

A seminar course for Seniors and Juniors of high standing, by permission.
Professor Cornwall and Mr. Bogart.

SOCIOLOGY

Professor Sholes

Courses required for Comprehensive Examination: 21.1, .2; 22.2; 41.1,.2; or their equivalent; 45, History 32.

21.1 The Principles of Society.

An introductory course dealing with the behavior of men in groups. Group action. Interrelations. Basic processes. Culture. Personality. Social interaction. Seniors, Juniors, and Sophomores.
Book and trip fee, $5.

*Open to Graduate Students.

21.2 Contemporary Social Problems.

A continuation of the study of society by means of its problems. Social change. Health. Crime. Race. Wealth. Population. City and rural conditions. Seniors, Juniors, and Sophomores.

Book and trip fee, $5.

Social Psychology. (See Education and Psychology 22.2.)

Book and trip fee, $5.

[31.1 Rural Society.]

A study of the basic society that has grown up on the land and in the small towns. The community. The neighborhood. The family. Institutions. Social and economic problems peculiar to the rural groups. Seniors, Juniors. (Sophomores by permission.)

Book and trip fee, $5.

[31.2 Urban Society.]

A study of the society that has developed in the urban centers. The neighborhood. The ethnic groups. Politics. Religion. Education. Recreation. Welfare. The changing economic and social conditions peculiar to the urban group. Seniors, Juniors. (Sophomores by permission.)

Book and trip fee, $5.

Social History. (See History 32.)

Associate Professor Prentice.

41.1 The Family.

A study of the fundamental unit of society. Pattern. History. Change. Problems. Adjustments. Function. (Sociology 21.1 and .2 and permission.) Seniors and Juniors.

Book and trip fee, $5.

41.2 Criminology.

A study of crime as the response to general culture by certain individuals. The criminal. Criminal personality. Environment. Heredity. Treatment. Prevention.

[42.1 Social Welfare.]

A study of the history, concepts, methods and scope of social welfare work. Primarily for those who will enter the field of social work. Seniors. (Juniors by permission.)

Book and trip fee, $5.

45. Social Efficiency.

A seminar course primarily for sociology majors, others by permission. Social theory, institutions, movements, progress and achievement. Seniors only.

Book and trip fee, $5.

SPANISH

Professor Centeno
Assistant Professor Martin

Courses required for Comprehensive Examination: 31.; 40.; 41.; 42.; 43.; 44. (when given).

11. Elementary Spanish.

Reading of simple Spanish; oral practice based on the reading text; grammar taught inductively; careful vocabulary building. Spanish is used as the principal means of communication. This course is designed to equip the student with a solid foundation for the more advanced study of spoken and literary Spanish.
Professor Centeno and Assistant Professor Martin.

21. Second Year Spanish.

A continuation of oral practice with a review and more extended treatment of grammar. The subject matter of the text consists of realia of the Spanish-speaking countries. Outside reading of Spanish newspapers and magazines. Conducted in Spanish. (Spanish 11. or two years of high school Spanish.)
Assistant Professor Martin.

31.1 Conversational Spanish.

A review of grammar, oral practice based on idiomatic texts and selections of the best Spanish authors, and exercises in free composition. The purpose of this course is to give the student a good command of spoken and written Spanish. Conducted in Spanish. (Spanish 21.)
Assistant Professor Martin.

31.2 Spanish Composition.

A practical course in the fundamentals of composition; exercises in syntax, construction of sentences, paraphrasing from Spanish texts, study of synonyms and antonyms and free composition. (Spanish 31.1.)
Professor Centeno.

40. Survey of Spanish Literature.

A general survey course of Spanish literature from the Middle Ages to the end of the Nineteenth Century, including representative novels, plays, and poetry. Lectures and reports by the students on assigned reading. Conducted in Spanish. (Spanish 31.1, .2.)
Professor Centeno.

41.1 Literature of the Golden Age.

An intensive study of the great Classical period. Reading of the chief authors and representative works. Lectures, collateral reading, class discussions, written and oral reports. Conducted in Spanish. (Spanish 31.1, .2.)
Professor Centeno.

41.2 Contemporary Spanish Theatre.

A survey of the principal Spanish playwrights of today, with a special study of their representative works. Oral discussions and written composition. Conducted in Spanish. (Spanish 31.1.) (Permission.)
Assistant Professor Martin.

42.1 The Modern Spanish Novel.

A study of modern Spanish novelists with particular emphasis on the XIX Century, with a special study of their representative works. Oral discussions and written composition. Conducted in Spanish. (Permission.)
Professor Centeno.

42.2 Contemporary Spanish Novel.

A study of contemporary Spanish novelists with particular emphasis on the relation of literature to the social and intellectual life of present-day Spain. Oral discussions and written composition. Conducted in Spanish. (Spanish 31.1.) (Permission.)
Professor Centeno.

43. Spanish Civilization.

The aim of this course is to equip the student with a good understanding of the Spanish character and of Spain's contribution to the world's civilization. A general study of the geographical, ethnical, historical, political, literary, and artistic evolution of Spain, together with a study of its most important traditions and customs, will constitute the subject matter of this course.
Professor Centeno.

[44. Survey Comprehensive Course.]
For Seniors majoring in the department.

45. Special Courses.

Open to properly qualified students. Recommended for candidates for the Master's Degree and for Seniors seeking honors in Spanish. (Spanish 31.1, .2.) (Permission.)
Professor Centeno and Assistant Professor Martin.

GRADUATE WORK

Middlebury College provides courses in certain departments for students desiring to pursue a Master's degree. Correspondence should be directed to Prof. Harry G. Owen, Chairman of the Committee on Graduate Work.

The degrees of Master of Arts and of Master of Science may be attained by graduate work completed during the regular college year, or at the Summer Sessions, in accordance with the following regulations:

1. The candidate must have a baccalaureate degree from this College, or from another institution whose course of study and requirements for graduation are approved by the Committee on Graduate Work.

2. To obtain the degree of Master of Arts, or Master of Science, one full year in residence and the completion of work equivalent to thirty semester hours will be necessary. This requirement of residence may also be met by attendance at the Summer Sessions. Not more than eight semester hours may be secured at a single Summer Session; and not more than six semester hours in a European Section of the Summer Session.

3. To obtain either of the advanced degrees two-thirds of the required work must be completed at Middlebury College.

4. Graduate work done in other institutions, and presented for transfer credit towards the Middlebury Master's degree, must be acceptable towards the same degree at the institution where the work was done.

5. Candidates should register during the first week of either semester, or during the first week of the Summer Session. A renewal of all existing registrations must be made at the beginning of each college year.

6. The major work of the candidate must be undertaken in some department in which there have been completed undergraduate courses of study of such advanced grade as to satisfy the department of the student's fitness to enter upon graduate work.

7. Candidates for the Master's degree shall present to the Committee on Graduate Work for its approval a statement of the intended course of study, with the written approval of the head of the department in which the major work is to be undertaken.

8. All applications to raise undergraduate courses to graduate level should be presented, with statements covering the additional work involved, to the Graduate Committee before the end of the registration period. No student will be permitted to register in such courses without the written approval of the Chairman of the Graduate Committee to the Head of the Department concerned.

9. Two-thirds of the required work must consist of graduate courses in the department of the major; the remaining one-third may consist of cognate courses of graduate *grade* prescribed by the department in which the major work is undertaken. A minimum grade of 80 per cent. shall be maintained in all courses counting towards the degree.

10. Graduates of Middlebury College who have to their credit graduate courses taken in undergraduate years and not counted toward the baccalaureate degree may, subject to the approval of the head of the department concerned, count ten semester hours toward an advanced degree, provided these courses are in subjects related to the department in which the major work for the advanced degree is to be done. Subject to the same requirements, graduates of other recognized colleges may count toward the Middlebury degree ten semester hours of graduate courses completed in undergraduate years and not counted toward the baccalaureate degree.

11. No courses counted in conferring a first degree at Middlebury College, or elsewhere, shall be accepted for a second degree.

12. A Senior who has satisfied all the requirements for the baccalaureate degree at the end of the first semester may continue his study towards the Master's degree during the second semester. Such a student shall be considered a graduate student and his program of study must conform to the regulations governing graduate work.

13. The degree shall be conferred either at the Commencement or at the Summer Session following the completion of the work.

14. The regular tuition fees for undergraduate work are charged. An additional fee of $15 is required for the final examination and the diploma.

THE DOCTORATE IN MODERN LANGUAGES

Besides the Master's degree, the Middlebury Summer Schools of French, Spanish, and German now offer an advanced degree: The Doctorate in Modern Languages (D.M.L.), full details concerning which may be found in the Summer School bulletins of the Schools concerned. The principal requirements are:

1. The Master's degree with a language major from some recognized university.

2. Residence at the Summer Sessions of Middlebury College equivalent to five-year courses of thirty credits. This will ordinarily require four summers' residence at Middlebury, but the basis of the requirement is chiefly the fulfillment of a program, not merely a given total of points. The student will be required to complete the main lines or groups of our curriculum—Stylistics, Phonetics, Realia, Teaching Methods, Literature, and Philology. A minimum of twenty credits over and above the credits necessary for the M.A. must be secured in residence at Middlebury; a maximum of ten credits may be transferred.

3. Two semesters' residence in the foreign country of the major language. This time should be spent in study in approved courses amounting to or equivalent to twelve hours a week (or 24 semester hours) of class exercises. The work must be done according to a plan previously approved by the Dean of the respective School, and the final results must also be approved by him. Work done in a foreign country prior to the student's enrollment as a candidate for the D.M.L. cannot be accepted. Summer Sessions may not be substituted for the requirement of two semesters' foreign residence.

4. A major language (French, Spanish or German).

a. A thorough knowledge of and the ability to use the spoken and written language, tested by an oral and written examination.

b. A thorough study of and training in phonetics. Candidates will be required to do at least one summer's work in the phonetics laboratory, and to write a report on their research.

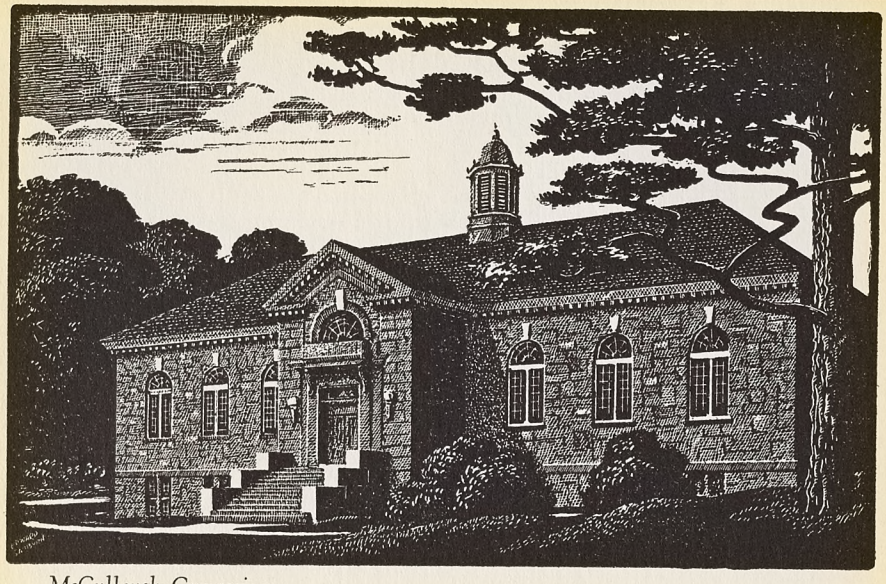
c. A scientific study of modern methods of teaching foreign languages. Note: Besides attendance in the courses of methods at Middlebury, candidates will be required to teach at least one year under supervision. Statements will be requested from superintendents of schools, heads of departments, and others as to the success of the candidate's teaching and professional ability. No student will be granted the D.M.L. who cannot be unqualifiedly recommended as an experienced and successful teacher of the language.

5. A final oral examination conducted entirely in the major language, before a board including native members of the faculty; this examination to cover all elements of the candidate's preparation—phonetics, pedagogy, literature, etc. (This training

should include a certain amount of philological preparation—Old French or Old Spanish, Phonology, Morphology, etc., but these subjects should be studied not *in se* and *per se*, but always with the idea of the help they may afford to the knowledge and teaching of the modern languages.)

6. A minor language (preferably another Romance Language). This will be tested by an oral and written examination. The candidate's knowledge of the language should be sufficient at least to teach successfully the elementary courses in the language. In addition, a reading knowledge of German will be required, as a guarantee of the ability to use German texts or editions.

7. A dissertation written in the major language. This dissertation, which should approximate 35,000 words, is intended to prove a thorough and understanding study of some subject, literary, phonetic, or pedagogical, which is worth a careful study. It must embody considerable original work and reflection, must show a mastery of the field, clearness of thought, and must be written in correct and easy style. The subject must be chosen and the preparation continued under the guidance of some member of the Middlebury faculty.



McCullough Gymnasium

SCHOLARSHIPS

The College has a number ot student benefits, many of them given in early years at great self-sacrifice on the part of the donors. The income of these funds is expended exclusively in payment of the tuition, in part, of needy and deserving students of good deportment and application. When the number of students was much smaller, these funds allowed a somewhat more liberal bestowment of beneficiary aid than is now possible. *It is not expected that those whose circumstances admit the full payment of college bills will apply for college assistance.* It is earnestly desired, however, that, where need requires, those who might not otherwise be able to receive a college education will apply for aid from this source. The College has a long record of special encouragement to those who are obliged to secure an education largely through their own efforts. Incoming students should direct all correspondence concerning scholarships to the Director of Admissions and Personnel, who will furnish blanks for applications. Students already in College should apply to the Dean for such assistance.

Scholarships may be forfeited at any time during the course through negligence or misconduct. If a student fails in any semester to have a passing grade in four courses of which three shall be at least 70 percent grade, any scholarship allowance for that semester is thereby forfeited.

If a student who has had the privilege of a scholarship leaves Middlebury to transfer to another institution, he will be required to pay the full amount of back tuition.

Among the student benefits dispensed by the College is the income from the following funds:

The Charitable Society Fund, $4,012, established in 1832.

The Literary Fund, $740, established in 1835.

The Warren Fund, $3,000, given in 1835 by bequest of Deacon Isaac Warren of Charlestown, Mass., and its income applied in payment of college bills of those who are preparing for the Gospel ministry.

The Subscription of 1852, $25,000.

The Waldo Fund, $10,000, established in 1864 by bequest of Mrs. Catherine E. Waldo of Boston.

The Baldwin Fund, $28,122, received in 1871 from the estate of John C. Baldwin, Esq., of Orange, N. J.

The Fairbanks Scholarships, $2,000, established by Thaddeus Fairbanks, Esq., of St. Johnsbury.

The Levi Parsons Scholarships, established by Hon. Levi T. Parsons Morton of New York City.

The Daniel O. Morton Scholarship, established by Hon. Levi Parsons Morton of New York City.

The Penfield Scholarship, $1,000, established by Allen Penfield, Esq., of Burlington.

The Charles A. Field Scholarship, $300, given by the village of Proctor, Vt., "as a memorial of regard for Fletcher Dutton Proctor and of gratitude to him, and for courtesies received at the hands of other residents of said village."

The Bezelial Smith Fund, $1,000, established in 1893.

The A. P. Stafford Fund, $1,000, established "to assist needy students from Wallingford to an education."

The New Jersey Student Aid Fund, $400, for boys from New Jersey.

The John A. Howe Scholarships, $3,000, bequeathed by John A. Howe, Esq., class of 1853; the income first available for his descendants, and then under certain conditions for students from Poultney.

The Windham County Congregational Conference Scholarship, $600.

The Asa Wheelock Scholarships Fund, $5,000, established under the will of Charles B. R. Hazeltine of Arlington, Mass., the income first available for students from the town of Wardsboro, Vt., and then from other small country towns in the State.

The Jonathan Coleman Southmayd Scholarship Fund, $8,000, established by Hon. Redfield Proctor, in 1922, its income first available for students (men or women) from Proctor.

The Agnes Warner Sunderland Fund, $3,000, established by Edwin S. S. Sunderland, Esq., class of 1911, the income from which is first available for the assistance of students (men or women) from Cornwall.

The Charles B. R. Hazeltine Fund, $14,043, established in 1923 "for assisting worthy students."

The John W. Rowell Fund, $2,000, established by the late Chief Justice Rowell.

The President's Purse, $10,000, established by Mr. Charles M. Swift, the income to be disbursed at the discretion of the President.

A Friend's Fund, $189, to assist young men having the Christian ministry of the Methodist or Congregational Church in view.

The Ludger J. Tousant Fund, $315, established by the class of 1920 in memory of their classmate—Ludger J. Tousant—killed in the World War.

The James M. Tyler Fund, $1,000, for students from Vermont.

The William W. Gay Fund, $5,000, established in 1929 by the gift of Mrs. Frederic F. Van de Water, Jr., in memory of her father, William W. Gay, class of 1876.

The Herbert K. Twitchell Fund, $2,000, established in 1929 by a bequest received under the will of Mr. Twitchell for students from Vermont, preferably Addison County.

The Cornelia W. Bailey Fund, $33,500, established in 1929 under her will for students of the Protestant faith, residing in Vermont.

The Wilfred E. Davison Scholarship Fund, $1,632, established in 1936 by bequest of Frank P. Davison of Cabot, Vermont.

Music Scholarship. Offered by the "A Tempo" Club for one year's study in a practical course in music.

The total annual income available for scholarships from vested funds approximates $8,000.

The Dutton Fellowship, established in 1926 by Hon. Redfield Proctor for five years, was continued in 1932 with revisions made by the original donor. The Fellowship now provides $1,200 to $1,500, according to the conditions of the time and the estimated requirements. In any given year it may be awarded to a man or woman as the Scholarship Committee may consider best, but over a period of years a majority of the recipients will be men. The Fellowship shall be used to defray, so far as possible, the expenses for one year of post-graduate study in some institution

in Europe approved by the committee. The recipient shall have a definite program and be regularly enrolled in classes for at least a majority of their time in Europe.

The basis for award is similar to that of the Rhodes Scholarships, high standing being considered in connection with College leadership and interest in out-door sports and life. It is understood that this year of graduate work shall not be toward a professional career, such as Law, Medicine or Theology. The judges consist of one member of the trustees chosen by the trustees, one member of the faculty chosen by the faculty, and the President of the College.

Awarded in 1937 to Charles Henry Sawyer.

STATE SCHOLARSHIPS

The College receives from the State of Vermont an annual appropriation of $7,200 for the payment to the amount of $120 annually of the tuition and incidental college charges of sixty students, two being appointed each year by each Senator in the General Assembly, from his respective county, provided any suitable candidate should apply therefor; otherwise from any county in the State.

Any Vermont student desiring to take advantage of a State scholarship should apply to one of the Senators of the county in which he resides, and the Senator may thereupon give him a certificate of appointment. Should the Senators in the applicant's county already have made appointments, the student should immediately apply to the Dean, as there may be a vacancy from some other county of which the applicant may avail himself. Incoming Freshmen should make such application to the Director of Admissions.

The same regulations as to forfeiture through misconduct, poor scholarship, or unsatisfactory attendance apply to State scholarships as to student benefits owned by the College.

SPECIAL SCHOLARSHIPS FOR RESIDENTS OF VERMONT

Ten scholarships of $1,000 each for the four-year course ($250 a year) were established in 1930, subject to the conditions stated below, based on the general plan of the Rhodes Scholarships, and given to male residents of Vermont who show greatest promise in: qualities of manhood, force of character and leadership; literary and scholastic ability and attainments; and physical vigor, as shown by interest in outdoor sports or in other ways.

The school record and personal references from principal and other citizens of standing in the community are considered in making the selection. All applicants (unless otherwise advised by the committee) come to Middlebury for scholastic aptitude test, general intelligence examination, and personal interview with the committee of selection, which consists of the President, two members of the Board of Trustees, the Dean and the Director of Admissions. The scholarship is tenable for four consecutive years subject to the maintenance of a high standing and a general record in College which is satisfactory to the committee. Application should be made to E. J. Wiley, Director of Admissions and Personnel, on or before April 15.

GEORGE W. ELLIS FELLOWSHIPS

Two fellowships, each with an annual value of $1,600, were established at Columbia University in 1931, under a provision in the will of George W. Ellis, to be open primarily to residents of Vermont or to the graduates of Middlebury, Norwich, and the University of Vermont.

The fellowships are awarded to qualified men or women for pursuing advanced or graduate study in any of the faculties or schools at Columbia. Information on this fellowship may be secured from Prof. H. G. Owen.

STUDENT LOAN FUNDS

The College has received at various times funds for the purpose of making loans to students. Loans are made from these funds in moderate amounts for a limited time, when circumstances and conditions warrant, and in accord with the terms thereof. The funds are as follows:

General Student Loan Fund, $16,350, the aggregate of gifts from friends to be used in making loans to students, originating with a gift from Prof. Wm. W. Eaton of $25 in 1911.

Hazeltine Student Loan Fund, $2,500, received in 1923 under the will of Chas. B. R. Hazeltine and his sister, Harriet S. Hazeltine, of Arlington, Mass., "The income only to be used as a loan fund in assisting students in Middlebury College."

Elam R. Jewett Student Loan Fund, $3,000, received in 1923 from a friend, "The principal to be safely invested, the income and accretions to be loaned, under certain conditions, to men students of the College." By such accretions the fund now amounts to $3,600.

William H. Porter Student Loan Fund, $10,000, an unconditional legacy received in 1927 under the will of William H. Porter of New York. By action of the Trustees it was made the William H. Porter Student Loan Fund, the principal to be safely invested and kept intact, the interest therefrom and accretions thereto to be used for making loans to worthy students of the Men's College from Vermont—first consideration being given to those from Addison County.

PRIZES

The Parker Prizes. Established by gift of Daniel Parker, Esquire, in 1807 and Prof. Frederick Hall in 1820. Prizes to men of the Junior class, members of the Speech course, who are adjudged best speakers in a contest held at some time during the year. The amounts of the Prizes will be determined on the basis of the income from the fund. The gross minimum for these prizes in the past has been $50.

The Merrill Prizes. Established in 1882 by bequest of Rev. Thomas Abbott Merrill, D.D., Trustee, 1806-55. Four awards, $30, $20, $15 and $10 to the four men of the Sophomore class, members of the Speech courses, adjudged the best speakers in a contest.

The Deacon Boardman Peace Prize. Established in memory of Samuel Ward Boardman (1789-1870). An annual prize of $30 to the member of the Junior class submitting the best essay in favor of peace, and in opposition to war as a method for settling international differences. The essay must be creditable as a literary composition and consist of at least 2,000 words.

The George H. Catlin Classical Prize, $1,000. Established in 1918 by the gift of Mr. George H. Catlin of Scranton, Pa., the income furnishing an annual award to be made to that man in the Senior class whose college work in Greek and Latin is adjudged to be worthiest of the distinction. The awarding committee consists of the head of the Department of Greek, the Head of the Department of Latin and the Dean of the College.

The Kellogg Latin-English Prize. Established by gift of Prof. Brainerd Kellogg, LL.D., Litt. D., of the class of 1858, Trustee, "to encourage Latin and English." Twenty dollars are awarded annually to the two best examination papers on Horace.

Awarded in 1937 to Stanley Eugene Sprague.

The Wetherell Prizes. As a memorial to Prof. Archibald D. Wetherell, a permanent foundation for the encouragement of debating was established in 1922, through the interest and cooperation of his friends and admirers. The fund now amounts to $1,100, the income from which is awarded annually in prizes to the two men showing the greatest interest and proficiency in debating.

Awarded in 1937 to John Francis Darrow, First; Ralph Welch Pickard, Second.

The Edwin Winship Lawrence Prizes. Established in memory of the donor's father George Edwin Lawrence, of the class of 1867. A first prize of $25, a second prize of $15 and a third prize of $10 will be awarded annually to the three students who in the judgment of the English Department of Middlebury College exhibit the most proficiency in debating.

The same donor has given a fund to provide prizes of $25, $15 and $10 for the best debaters in the annual Middlebury College-University of Vermont debate, the winners to be the best three from the two teams.

Awarded in 1937 to John Francis Darrow, First; Ralph Welch Pickard, Second; William Onion and Glenn Hubert Leggett, Third.

The Hazeltine-Klevenow Cup, awarded to the student having best combined ability in athletics with excellence in scholarship; the choice to be made from the entire student body; the name of the recipient to be placed on the cup annually as a permanent record; and a replica of the cup to be presented at the time of announcement.

Awarded in 1937 to John Chalmers.

The Kappa Delta Rho Cup, presented annually to the student most loyal to the ideals of Middlebury College. The award is based on extra-curricular activities, both athletic and non-athletic, scholarship and character.

Awarded in 1937 to Randall Walrath Hoffman.

The Woolsey Prize, established by the late Col. Theodore S. Woolsey, Jr., B.A., M.F., 1933. Two twenty-five dollar prizes will be awarded to the two undergraduates writing the best examination in Bible.

Awarded in 1937 to Eugene Streim.

Clement Prize. Middlebury Juniors and Seniors are eligible to compete with entrants from a specified group of other colleges and universities for the best thesis on the United States Constitution. Details are furnished by the head of the Political Science Department.

Hepburn Hall

THE ASSOCIATED ALUMNI

The Associated Alumni, one of the oldest organizations of its type in America, was established in 1824 and has had a continuous existence since that year. In addition to the social purposes, the organization aims to encourage active interest in the life of the College and to give material assistance in the forwarding of plans and projects of the Administration. The first separate Alumnae Association was started in 1912. Alumni and alumnae hold district meetings together in some cities, separately in other localities.

The business of the Associated Alumni is conducted through Edgar J. Wiley, Secretary, from whom biographical information and addresses may be obtained. The official publication for graduates is the NEWS LETTER, published quarterly. Annual meetings are held during Commencement Week at the College.

The division of Districts is as follows:

REGION No. 1

a. *Middlebury District*—Northeastern New York State, Vermont (except the southernmost portion), and northern New Hampshire. District Center, Middlebury.

b. *Boston District*—Maine, southeastern New Hampshire, eastern Massachusetts and Rhode Island. District Center, Boston.

c. *Springfield District*—Massachusetts east of the Berkshire County line and west of the cities of Fitchburg and Worcester, southwestern New Hampshire, and southeastern Vermont. District Center, Springfield.

REGION No. 2

a. *New Haven District*—Connecticut east of towns of Westport and Wilton. District Center, New Haven.

b. *Albany District*—Eastern New York state, southwestern Vermont, Berkshire County in Massachusetts. District Center, Albany.

c. *New York City District*—New York City, New Jersey, parts of New York State contiguous, and that part of Connecticut west of Westport and Wilton.

REGION No. 3

a. *Buffalo District*—Remainder of New York State, Ohio. District Center, Buffalo.

b. *Washington District*—Pennsylvania, Delaware, and Southern States to the Mississippi. District Center, Washington.

c. *Chicago (Western) District*—Remainder of the United States and all foreign countries. District Center, Chicago.

The officers of the Associated Alumni for the year 1937–38 are:
NATIONAL PRESIDENT—T. H. NOONAN, '91, Buffalo, N. Y. Term: 1 year.
DISTRICT PRESIDENTS:

REGION I. *Term: 2 years*

Middlebury District: W. H. CARTER, '10, Barre, Vt.
Boston District: M. F. SHEA, '15, Boston, Mass.
Springfield District: D. H. BROWN, '14, Springfield, Mass.

Region II. *Term*: 1 *year*

New Haven District: R. H. WALCH, '13, Waterbury, Conn.
Albany District: P. E. BREWER, '31, Schenectady, N. Y.
New York City District: J. P. KASPER, '20, New York City.

Region III. *Term*: 3 *years*

Buffalo District: H. O. THAYER, '12, Buffalo, N. Y.
Washington District: P. A. WRIGHT, '09, Washington, D. C.
Chicago (Western) District: B. W. SHERMAN, '90, Chicago, Ill.

National Secretary—EDGAR J. WILEY, '13, Middlebury, Vt. Term: 1 year.

Alumni Trustees:

Region I. *Term*: 4 *years*

STEWART ROSS, '20 — Rutland, Vt.

Region II. *Term*: 3 *years*

RALPH E. SINCERBOX, '20 — New York City, N. Y.

Region III. *Term*: 1 *year*

SAMUEL B. PETTENGILL, '08 — South Bend, Ind.

Alumni Trustees-at-Large:

J. EARLE PARKER, '01 (2 *years*) — Boston, Mass.
H. D. LEACH, '10 (5 *years*) — Newton Center, Mass.

ALUMNI ASSOCIATIONS

The officers of the various Alumni Associations, as reported for the year 1937-38 are as follows:

The New York Association
President, J. P. Kasper, '20; Toastmaster, D. D. Frederickson, '25; Executive Committee: F. P. Lang, '17, Chairman; H. V. Brooks, '28; D. J. Breen, '20; W. R. Wells, '30.

The Boston Association
President, M. F. Shea, '15.

The Connecticut Alumni Association
President, R. H. Walch, '13; Secretary and Treasurer, Helen C. Prageman, '23.

The Chicago Association
President, B. W. Sherman, '90; Vice-President, Ellis K. Haines, '35; Secretary-Treasurer, Alice Fales, '28.

The Ohio Association
Executive Committee, James S. Jackson, '26, Chairman.

The Washington, D. C., Association
President, P. A. Wright, '09; Vice-President, Mrs. Martha E. M. Miller, '10.

The Buffalo Association
President, L. B. Law, '21; Secretary-Treasurer, Mrs. Dorothy Slayton Hunter, '23.

The Albany Club
President, Geraldine Griffin, '31; Vice-President, Philip Brewer, 31; Secretary-Treasurer, Harriet Eliot, 31.

The Philadelphia Association
President, Lester E. Klimms, ex-'24; Vice-President, Mrs. Marian Hinman Kemp, '28; Secretary-Treasurer, Crawford V. Lance, '27.

The California Association
President, R. A. Furbush, '28; Secretary, Mrs. Winifred Jeffords Waldo, '17.

The Utica Association
Chairman, Executive Committee, J. M. Bishop, '22.

The Detroit Association
Executive Committee, M. W. McCutcheon, '27, Chairman.

The Springfield Association
President, D. H. Brown, '14; Executive Committee, Mrs. Ruth B. Richards, '10, Chairman.

NEEDS OF THE COLLEGE

Apart from the constant need of increased endowment the most pressing needs of the College are:

1. Adequate athletic facilities. A complete equipment with all modern facilities could in all probability be secured for $800,000 but the contemplated plan calls for building this in units which can be added as funds are secured, in amounts from $150,000 up. The present Gymnasium could become an assembly hall, a much needed unit at present.

2. Adequate recitation facilities. The Old Chapel, in use since 1836, is insufficient and unsuitable for recitation purposes. The present method of using the Warner Science Hall and the Chemistry Building for non-laboratory purposes is undesirable. A recitation hall could be built for $200,000 and would release the Old Chapel for purely administrative purposes.

3. A small building for a general students' club and social center where undergraduate meetings could be held, to cost from $100,000 up.

Total suggested sum needed:

Gymnasium	$ 800,000
Recitation Hall	200,000
Renovation of Old Chapel	80,000
Renovation of Starr Hall	80,000
	$1,160,000

FORMS OF BEQUEST

The corporate title of Middlebury College is "The President and Fellows of Middlebury College."

The following forms are suggested:

I give and bequeath to "The President and Fellows of Middlebury College," a corporation of the State of Vermont, the sum of ———— dollars, to be used by the Trustees of said College for such purposes and in such manner as they shall deem appropriate.

I give and bequeath to "The President and Fellows of Middlebury College," a corporation of the State of Vermont, the sum of ———— dollars, to be invested by the Trustees of said College, and the income thereof to be applied to the uses of said College in accordance with the terms of its charter.

DEGREES CONFERRED IN 1937

HONORARY DEGREES

DOCTOR OF LAWS

John Edgar Park

DOCTOR OF LETTERS

Bernard Augustine DeVoto

DOCTOR OF SCIENCE

Hermon Erwin Hasseltine

DOCTOR OF PEDAGOGY

Joseph Patrick McCormack

MASTER OF ARTS

George Earle Warren

DEGREES IN COURSE

MASTER OF SCIENCE

Donald Fowle Johnson, A.B. (Bowdoin) 1934
William Melroy Widenor, B.S. (Lafayette) 1935

BACHELOR OF ARTS

Harold Lester Akley
Eugene Walter Balinski
Lewis Edward Bernardini
Edgar Powell Berry, Jr.
Walter Eric Brooker
Loring DuBois Chase
Francis Eugene Clonan
Pierce Gerard Couperus†¶
William Gregory Craig
John Francis Darrow†
Herbert Thomas Spencer Ellison, Jr.
Jeremiah Aloysius Fitzgerald
Nathaniel Cooley Groby
Charles Hezekiah Hamlin†
Richard Aylesworth Hard
Wilfred Charles Heinz
Parmelee Corwin Hill
Robert Lowell Hutchinson
Jean Pleasant Labouchere
Clifford Wellington Laws
Robert Warren Leonard
John Francis Lonergan
Richard Ahira Lucas
Kenneth William MacFadyen†
John Austin Macomber
Robert Bruce Malvern*‡¶
Frederic Dean Manchester
Paul Albert Myers†¶
Richard Lutton Neilson
William Howard Nolan
Conrad Andrew Philipson
George Dudley Phinney
Ralph Welch Pickard†
Frank Peter Piskor†¶2-3
Robert Winslow Robinson
Charles Henry Sawyer||‡¶

36

Nathaniel Thompson Scott
John Claude Seixas
Marshall Sewell, Jr.
Laurence Walton Shields
Lewis Iverson Shipman
Frederick Howard Smith
Richard Porter Taylor[1]
Stephen Day Ward
Norman Lord Wendler
Sidney Parmenter White†
Raymond Lawrence Whitney
Everett Carpenter Winslow, Jr.

BACHELOR OF SCIENCE

Marcus William Berman
Phillip Gerald Brown
Paul Woodward Foster
Earl Laux Giller
Burton Donald Guild
Carroll Lawrence Hasseltine
Randall Walrath Hoffmann
Joyce Walter Kingsley, Jr.
Armand Norbert LaFlamme
Wendell Holmes Powers†¶
Frederick Logan Stone
William Clark Ward
Douglas Leroy Weatherhead
Gordon Emanuel Westby
Arthur Edwin Wilson

BACHELOR OF SCIENCE

As of the Class of 1936

Richard Emery Ross

|| Valedictory Honors
* Salutatory Honors
¶ Phi Beta Kappa
‡ Degrees conferred Magna cum Laude
† Degrees conferred cum laude
[1] Honors in American Literature
[2] Honors in Economics
[3] High Honors in Political Science

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